

<b>Docket No. 20180002-EG</b>					
<b>Comprehensive Exhibit List for Entry into Hearing Record</b>					
<b>November 5, 2018</b>					
<b>Hearing I.D. #</b>	<b>Witness</b>	<b>I.D. # As Filed</b>	<b>Exhibit Description</b>	<b>Issue Nos.</b>	<b>Entered</b>
<b>STAFF</b>					
1		Exhibit List	Comprehensive Exhibit List		
<b>DUKE ENERGY FLORIDA, INC. (DEF) - (DIRECT)</b>					
2	Lori J. Cross	LJC-1T	ECCR Adjusted Net True-Up for January - December 2017, Schedules CT1 – CT6.	1, 2, 3, 4, 5, 6, 7, 10	
3	Lori J. Cross	LJC-1P	Estimated/Actual True-Up, January – December 2018 and ECCR Factors for Billings in January – December 2019, Schedules C1 – C6.	1, 2, 3, 4, 5, 6, 7, 10	
<b>FLORIDA POWER &amp; LIGHT COMPANY (FPL) - (DIRECT)</b>					
4	R. B. Deaton	AS-1	Schedules CT-1 and CT-4	1, 2, 3, 5, 6, 7	
5	R. B. Deaton/ A. Sharma	AS-1	Schedules CT-2 and CT-3	1, 2, 3, 4, 5, 6, 7	
6	Anita Sharma	AS-1	Schedules CT-5 and CT-6, Appendix A	4	
7	Rena B. Deaton	AS-2* <sup>1</sup>	Schedule C-1 and C-4	1, 2, 3, 5, 6, 7	
8	R. B. Deaton/ A. Sharma	AS-2*	Schedule C-2 and C-3	1, 2, 3, 4, 5, 6, 7	
9	Anita Sharma	AS-2*	Schedule C-5	4	
<b>FLORIDA PUBLIC UTILITIES COMPANY (FPUC) - (DIRECT)</b>					
10	Curtis D. Young	CDY-1 (composite)	Schedules CT-1, CT-2, CT-3, CT-4, CT-5 and CT-6.	1	

<sup>1</sup> On August 21<sup>st</sup> FPL filed a revised version of AS-2, page 4 only.

11	Danielle N.B. Mulligan	DNBM-1 (composite)	Schedules C-1, C-2, C-3, C-4, and C-5.	2-7	
<b>GULF POWER COMPANY (GULF) – (DIRECT)</b>					
12	John N. Floyd	JNF-1	Schedules CT-1 through CT-6.	1, 2, 3, 4, 5, 6, 7, 10	
13	John N. Floyd	JNF-2	Schedules C-1 through C-6.	1, 2, 3, 4, 5, 6, 7, 10	
<b>TAMPA ELECTRIC COMPANY (TECO) - (DIRECT)</b>					
14	Mark R. Roche	MRR-1	Schedules supporting cost recovery factor, actual January 2017 – December 2017.	1, 2, 3, 4, 5, 6, 7, 8, 9	
15	Mark R. Roche	MRR-2	Schedules supporting conservation costs projected for the period January 2019 – December 2019.	1, 2, 3, 4, 5, 6, 7, 8, 9	

**DUKE ENERGY FLORIDA, LLC**  
  
**ENERGY CONSERVATION ADJUSTED NET TRUE-UP**  
**FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017**

<u>LINE NO.</u>			
1	<b>ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY</b>		
2	BEGINNING BALANCE	(\$7,271,001)	
3	PRINCIPAL (CT 3, PAGE 2 of 5)	(5,846,317)	
4	INTEREST (CT 3, PAGE 3 of 5)	(48,229)	
5	PRIOR TRUE-UP REFUND	7,271,001	
6	ADJUSTMENTS	<u>0</u>	(\$5,894,546)
7	<b>LESS: ESTIMATED TRUE-UP FROM AUGUST 2017</b>		
8	<b>PROJECTION FILING (OVER) / UNDER RECOVERY</b>		
9	BEGINNING BALANCE	(\$7,271,001)	
10	PRINCIPAL	(3,037,838)	
11	INTEREST	(41,045)	
12	PRIOR TRUE-UP REFUND	7,271,001	
13	ADJUSTMENTS	<u>0</u>	<u>(\$3,078,883)</u>
14	VARIANCE TO PROJECTION		<u><u>(\$2,815,663)</u></u>

FLORIDA PUBLIC SERVICE  
 COMMISSION  
 DOCKET: 20180002-EG EXHIBIT: 2  
 PARTY: DUKE ENERGY FLORIDA,  
 INC. (DEF) - (DIRECT)  
 DESCRIPTION: Lori J. Cross LJC-1T

DUKE ENERGY FLORIDA, LLC

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS. ESTIMATED  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	15,391,547	15,452,582	(61,035)
2	PAYROLL AND BENEFITS	12,214,197	13,122,971	(908,774)
3	MATERIALS AND SUPPLIES	392,132	683,467	(291,335)
4	OUTSIDE SERVICES	4,563,792	4,780,802	(217,010)
5	ADVERTISING	3,024,577	3,026,955	(2,378)
6	INCENTIVES	71,318,024	72,804,446	(1,486,422)
7	VEHICLES	270,248	269,092	1,156
8	OTHER	716,445	780,597	(64,152)
9	PROGRAM REVENUES	0	0	0
10	TOTAL PROGRAM COSTS	107,890,962	110,920,912	(3,029,950)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	106,466,279	106,687,749	(221,471)
13	PRIOR TRUE-UP	7,271,001	7,271,001	0
14	TRUE-UP BEFORE INTEREST	(5,846,317)	(3,037,838)	(2,808,479)
15	AUDIT & REV DECOUPLING ADJUSTMENT			
16	INTEREST PROVISION	(48,229)	(41,045)	(7,184)
17	END OF PERIOD TRUE-UP	(5,894,546)	(3,078,883)	(2,815,663)

( ) REFLECTS OVERRECOVERY

\*\* Certain schedules may not foot/crossfoot due to rounding of decimals in files.



DUKE ENERGY FLORIDA, LLC

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	16,749	2,450,849	104,941	625,811	181,756	969,697	640,766	97,806	5,088,375	0	5,088,375
2	RESIDENTIAL INCENTIVE PROGRAM	0	2,039,425	66,168	146,531	26,682	684,982	5,423,564	24,627	8,411,978	0	8,411,978
3	BUSINESS ENERGY CHECK	14,958	373,313	10,091	30,034	1,484	37,457	15,209	16,742	499,288	0	499,288
4	BETTER BUSINESS	0	987,383	8,568	82,547	4,466	65,288	2,201,829	20,873	3,370,955	0	3,370,955
5	TECHNOLOGY DEVELOPMENT	0	247,445	2,184	161,087	7,285	0	0	14,475	432,476	0	432,476
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	179,619	788	134,848	6,362	39,644	68,786	(4,096)	425,951	0	425,951
7	INTERRUPTIBLE SERVICE	16,140	190,141	8,719	5,119	6,080	0	30,925,653	(2,078)	31,149,773	0	31,149,773
8	CURTAILABLE SERVICE	0	60,982	0	0	73	0	2,077,261	0	2,138,316	0	2,138,316
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	15,321,899	1,850,052	52,900	2,290,189	88,589	1,124,164	23,410,667	56,991	44,195,450	0	44,195,450
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	111,513	263	1,134	3	29,915	151,033	9,666	303,527	0	303,527
11	STANDBY GENERATION	21,801	281,355	7,246	4,473	5,596	0	3,947,056	3,623	4,271,150	0	4,271,150
12	QUALIFYING FACILITY	0	1,000,250	3,619	6,362	39	0	0	20,503	1,030,774	0	1,030,774
13	NEIGHBORHOOD ENERGY SAVER	0	187,763	1,300	302,270	6,377	73,430	2,456,199	31,606	3,058,945	0	3,058,945
14	CONSERVATION PROGRAM ADMIN	0	2,254,108	3,461	773,387	57,341	0	0	425,708	3,514,004	0	3,514,004
15	TOTAL ALL PROGRAMS	15,391,547	12,214,197	270,248	4,563,792	392,132	3,024,577	71,318,024	716,445	107,890,962	0	107,890,962

DUKE ENERGY FLORIDA, LLC

VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS  
12 MONTHS ACTUAL vs. 12 MONTHS ESTIMATED

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	0	(101,648)	(9,388)	267,469	(46,221)	(208,791)	2,755	36,252	(59,572)	0	(59,572)
2	RESIDENTIAL INCENTIVE PROGRAM	0	(13,300)	12,335	13,636	(8,937)	(27,789)	(198,026)	(23,721)	(245,803)	0	(245,803)
3	BUSINESS ENERGY CHECK	0	(30,293)	(1,513)	2,985	858	3,140	(15,500)	(317)	(40,639)	0	(40,639)
4	BETTER BUSINESS	0	(110,857)	(2,450)	(3,033)	1,182	15,302	(450,445)	(3,089)	(553,390)	0	(553,390)
5	TECHNOLOGY DEVELOPMENT	0	(13,551)	(1,819)	60,694	(9,659)	0	0	(6,796)	28,868	0	28,868
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	57,334	(75)	(14,465)	5,501	12,775	(122,886)	(2,700)	(64,516)	0	(64,516)
7	INTERRUPTIBLE SERVICE	0	(558)	(1,101)	(25,008)	(117,102)	0	(317,105)	(9,367)	(470,241)	0	(470,241)
8	CURTAILABLE SERVICE	0	(13,838)	0	0	73	0	201,164	0	187,399	0	187,399
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	(56,267)	(120,692)	12,978	(337,296)	(54,307)	308,915	(488,439)	(10,170)	(745,280)	0	(745,280)
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	(5,386)	(171)	921	(1,997)	(585)	(24,197)	(1,430)	(32,846)	0	(32,846)
11	STANDBY GENERATION	(4,768)	(9,567)	18	(65,237)	(9,685)	0	(136,471)	(2,988)	(228,698)	0	(228,698)
12	QUALIFYING FACILITY	0	(39,567)	(1,033)	(13,521)	(788)	0	0	(13,312)	(68,221)	0	(68,221)
13	NEIGHBORHOOD ENERGY SAVER	0	(6,840)	1,094	32,369	(251)	(105,344)	62,729	19,524	3,281	0	3,281
14	CONSERVATION PROGRAM ADMIN	0	(500,009)	(7,719)	(136,525)	(50,000)	0	0	(46,038)	(740,291)	0	(740,291)
15	TOTAL ALL PROGRAMS	(61,035)	(908,774)	1,156	(217,010)	(291,335)	(2,378)	(1,486,422)	(64,152)	(3,029,950)	0	(3,029,950)

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DUKE ENERGY FLORIDA, LLC

ESTIMATED ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	16,749	2,552,497	114,328	358,342	227,978	1,178,488	638,012	61,554	5,147,947	0	5,147,947
2	RESIDENTIAL INCENTIVE PROGRAM	0	2,052,725	53,834	132,895	35,619	712,771	5,621,590	48,348	8,657,781	0	8,657,781
3	BUSINESS ENERGY CHECK	14,958	403,606	11,604	27,050	626	34,316	30,709	17,058	539,927	0	539,927
4	BETTER BUSINESS	0	1,098,240	11,019	85,580	3,284	49,987	2,652,274	23,961	3,924,345	0	3,924,345
5	TECHNOLOGY DEVELOPMENT	0	260,996	4,004	100,393	16,944	0	0	21,271	403,607	0	403,607
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	122,285	863	149,313	861	26,869	191,672	(1,396)	490,468	0	490,468
7	INTERRUPTIBLE SERVICE	16,140	190,699	9,820	30,127	123,182	0	31,242,758	7,289	31,620,014	0	31,620,014
8	CURTAILABLE SERVICE	0	74,820	0	0	0	0	1,876,097	0	1,950,917	0	1,950,917
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	15,378,166	1,970,744	39,922	2,627,485	142,896	815,249	23,899,106	67,161	44,940,730	0	44,940,730
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	116,900	433	214	2,000	30,500	175,230	11,096	336,373	0	336,373
11	STANDBY GENERATION	26,569	290,922	7,228	69,710	15,281	0	4,083,527	6,612	4,499,849	0	4,499,849
12	QUALIFYING FACILITY	0	1,039,817	4,652	19,883	827	0	0	33,815	1,098,995	0	1,098,995
13	NEIGHBORHOOD ENERGY SAVER	0	194,603	207	269,901	6,628	178,774	2,393,470	12,081	3,055,664	0	3,055,664
14	CONSERVATION PROGRAM ADMIN	0	2,754,118	11,179	909,912	107,341	0	0	471,746	4,254,296	0	4,254,296
15	TOTAL ALL PROGRAMS	15,452,582	13,122,971	269,092	4,780,802	683,467	3,026,955	72,804,446	780,597	110,920,912	0	110,920,912

DUKE ENERGY FLORIDA, LLC

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM TITLE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	HOME ENERGY CHECK	328,984	287,220	468,686	437,914	517,869	472,866	365,985	418,249	271,346	503,462	426,530	589,266	5,088,375
2	RESIDENTIAL INCENTIVE PROGRAM	642,396	626,978	705,129	637,761	897,436	841,779	688,642	766,938	526,993	720,197	626,866	730,864	8,411,978
3	BUSINESS ENERGY CHECK	40,566	41,625	49,105	39,253	37,261	48,146	33,781	36,301	25,325	39,679	40,073	68,171	499,288
4	BETTER BUSINESS	381,947	369,471	192,020	365,061	366,340	231,858	139,859	477,756	113,421	323,835	177,016	232,370	3,370,955
5	TECHNOLOGY DEVELOPMENT	12,998	24,086	25,370	22,107	25,266	27,469	39,103	34,529	17,916	32,734	32,892	138,005	432,476
6	FLORIDA CUSTOM INCENTIVE PROGRAM	56,068	24,746	5,596	60,996	36,292	97,492	31,288	32,355	15,392	17,883	19,279	28,564	425,951
7	INTERRUPTIBLE SERVICE	2,395,184	2,588,296	2,485,739	2,833,157	2,577,543	2,627,154	2,653,458	2,658,485	2,727,148	2,551,840	2,587,892	2,463,876	31,149,773
8	CURTAILABLE SERVICE	15,971	209,452	144,727	172,321	157,568	245,958	193,858	196,805	227,183	150,618	216,189	207,666	2,138,316
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	3,540,311	3,750,930	3,415,139	3,189,192	3,515,568	3,709,312	3,840,532	3,839,253	3,763,209	3,679,392	4,151,620	3,800,993	44,195,450
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	20,927	30,818	34,604	20,408	23,126	13,234	25,708	24,120	28,220	36,498	24,749	21,115	303,527
11	STANDBY GENERATION	387,862	343,881	405,657	346,367	335,691	332,687	375,819	338,192	337,340	332,163	402,994	332,496	4,271,150
12	QUALIFYING FACILITY	85,411	88,358	92,796	86,950	91,935	89,589	89,072	88,781	90,165	81,755	87,448	58,514	1,030,774
13	NEIGHBORHOOD ENERGY SAVER	294,934	254,625	233,500	196,387	243,681	285,870	249,305	283,568	199,386	251,542	431,464	134,683	3,058,945
14	CONSERVATION PROGRAM ADMIN	363,997	385,639	521,773	276,879	177,895	331,633	260,643	259,940	380,946	77,289	329,572	147,799	3,514,004
15	TOTAL ALL PROGRAMS	8,567,557	9,026,125	8,779,841	8,684,753	9,003,471	9,355,048	8,987,054	9,455,272	8,723,990	8,798,886	9,554,584	8,954,383	107,890,962
16	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NET RECOVERABLE (CT-3,PAGE 2)	8,567,557	9,026,125	8,779,841	8,684,753	9,003,471	9,355,048	8,987,054	9,455,272	8,723,990	8,798,886	9,554,584	8,954,383	107,890,962

DUKE ENERGY FLORIDA, LLC  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF TRUE-UP  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.		January	February	March	April	May	June	July	August	September	October	November	December	Total for The Period
1	Other Conservation Revenues	0	0	0	0	0	0	0	0	0	0	0	0	0
2	CONSERVATION CLAUSE REVENUES	7,275,880	7,574,080	7,179,699	8,001,792	8,953,691	9,776,981	10,540,266	10,632,305	10,602,129	9,362,634	8,754,937	7,811,885	106,466,279
3	TOTAL REVENUES	7,275,880	7,574,080	7,179,699	8,001,792	8,953,691	9,776,981	10,540,266	10,632,305	10,602,129	9,362,634	8,754,937	7,811,885	106,466,279
4	PRIOR PERIOD TRUE-UP OVER/(UNDER)	(7,271,001)	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	7,271,001
5	CONSERVATION REVENUES APPLICABLE TO PERIOD	7,881,796	8,179,997	7,785,616	8,607,708	9,559,608	10,382,898	11,146,183	11,238,221	11,208,045	9,968,551	9,360,853	8,417,802	113,737,279
6	CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 37)	8,567,557	9,026,125	8,779,841	8,684,753	9,003,471	9,355,048	8,987,054	9,455,272	8,723,990	8,798,886	9,554,584	8,954,383	107,890,962
7	TRUE-UP THIS PERIOD (O)/U	685,760	846,128	994,225	77,044	(556,137)	(1,027,851)	(2,159,129)	(1,782,949)	(2,484,056)	(1,169,664)	193,730	536,581	(5,846,317)
8	CURRENT PERIOD INTEREST	(4,030)	(3,023)	(2,458)	(1,946)	(1,682)	(2,046)	(3,124)	(4,339)	(4,705)	(5,870)	(7,391)	(7,615)	(48,229)
9	ADJUSTMENTS PER AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)/U	(7,271,001)	(5,983,354)	(4,534,332)	(2,936,648)	(2,255,634)	(2,207,536)	(2,631,516)	(4,187,852)	(5,369,224)	(7,252,068)	(7,821,685)	(7,029,429)	(7,271,001)
11	PRIOR TRUE-UP REFUNDED/ (COLLECTED)	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	7,271,001
12	END OF PERIOD NET TRUE-UP	(5,983,354)	(4,534,332)	(2,936,648)	(2,255,634)	(2,207,536)	(2,631,516)	(4,187,851.92)	(5,369,224)	(7,252,068)	(7,821,685)	(7,029,429)	(5,894,546)	(5,894,546)

DUKE ENERGY FLORIDA, LLC

CALCULATION OF INTEREST PROVISION  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	January	February	March	April	May	June	July	August	September	October	November	December	Total for The Period
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(7,271,001)	(5,983,354)	(4,534,332)	(2,936,648)	(2,255,634)	(2,207,536)	(2,631,516)	(4,187,852)	(5,369,224)	(7,252,068)	(7,821,685)	(7,029,429)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(5,979,324)	(4,531,309)	(2,934,190)	(2,253,688)	(2,205,854)	(2,629,470)	(4,184,728)	(5,364,885)	(7,247,363)	(7,815,815)	(7,022,038)	(5,886,931)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(13,250,325)	(10,514,663)	(7,468,522)	(5,190,336)	(4,461,487)	(4,837,006)	(6,816,244)	(9,552,737)	(12,616,586)	(15,067,883)	(14,843,723)	(12,916,361)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(6,625,162)	(5,257,331)	(3,734,261)	(2,595,168)	(2,230,744)	(2,418,503)	(3,408,122)	(4,776,368)	(6,308,293)	(7,533,941)	(7,421,862)	(6,458,180)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.72%	0.74%	0.64%	0.94%	0.86%	0.95%	1.08%	1.12%	1.06%	0.73%	1.14%	1.25%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.74%	0.64%	0.94%	0.86%	0.95%	1.08%	1.12%	1.06%	0.73%	1.14%	1.25%	1.58%	
7 TOTAL (LINE 5 AND LINE 6)	1.46%	1.38%	1.58%	1.80%	1.81%	2.03%	2.20%	2.18%	1.79%	1.87%	2.39%	2.83%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	0.73%	0.69%	0.79%	0.90%	0.91%	1.02%	1.10%	1.09%	0.90%	0.94%	1.20%	1.42%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(4,030)	(3,023)	(2,458)	(1,946)	(1,682)	(2,046)	(3,124)	(4,339)	(4,705)	(5,870)	(7,391)	(7,615)	(48,229)

Duke Energy Florida, LLC  
 Conservation Account Numbers  
 For the Period January 2017 - December 2017

Line No.	Account	Product	Program Title
1	0908000	HEHC	Home Energy Check
1	0909000	HEHC	Home Energy Check (Advertising)
1	0403002	HEHC	Home Energy Check (Equipment Depreciation)
2	0908000	SSHEI	Residential Incentive Program
2	0909000	SSHEI	Residential Incentive Program (Advertising)
3	0908000	NRAOS	Business Energy Check
3	0909000	NRAOS	Business Energy Check (Advertising)
3	0403002	NRAOS	Business Energy Check (Equipment Depreciation)
4	0908000	NRBBUS	Better Business
4	0909000	NRBBUS	Better Business (Advertising)
4	0403002	NRBBUS	Better Business (Equipment Depreciation)
5	0908000	TECDEV	Technology Development
5	0908000	TECDEV	Technology Development (Energy Efficiency Research)
6	0908000	NRPRSC	Florida Custom Incentive
6	0909000	NRPRSC	Florida Custom Incentive (Advertising)
7	0908000	IRRSVC	Interruptible Service
7	0403002	IRRSVC	Interruptible Service (Equipment Depreciation)
8	0908000	PWRSHR	Curtable Service

Duke Energy Florida, LLC  
 Conservation Account Numbers  
 FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

Line No.	Account	Product	Program Title
9	0908000	PWRMGR	Energy Management - Residential
9	0908002	PWRMGR	Energy Management - Residential (Amortization of Load Mgmt Switches)
9	0909000	PWRMGR	Energy Management - Residential (Advertising)
9	0403002	PWRMGR	Energy Management - Residential (Equipment Depreciation)
9	0182398	PWRMGR	Other accounts included with Energy Management - Residential (Switch installation)
10	0908000	COMLM	Energy Management - Commercial
11	0908000	WZELEC	Low Income Weatherization Asst
11	0909000	WZELEC	Low Income Weatherization Asst (Advertising)
12	0908000	STBGEN	Standby Generation
12	0403002	STBGEN	Standby Generation (Equipment Depreciation)
13	0908000	PPCOGN	Qualifying Facility
13	0908000	PPCOGN	Qualifying Facility - COGEN contract maintenance
14	0908000	HWLI	Neighborhood Energy Saver
14	0909000	HWLI	Neighborhood Energy Saver (Advertising)
15	0908000	NOPROD	Conservation Program Admin
15	0909000	NOPROD	Conservation Program Admin (Advertising)



DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<b>1 ENERGY CONSERVATION ADMIN</b>														
2 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	0
5														
6 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
7														
8 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
12 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
13														
14 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
15														
16 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0
17														
<b>18 INTERRUPTIBLE SERVICE</b>														
19 INVESTMENTS		0	0	0	11,969	0	0	0	0	0	0	0	0	11,969
20 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21 DEPRECIATION BASE		51,869	51,869	51,869	51,869	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838
22														
23 DEPRECIATION EXPENSE		865	865	865	865	1,064	1,064	1,064	1,064	1,064	1,064	1,064	1,064	11,972
24														
25 CUMM. NET INVEST	51,869	51,869	51,869	51,869	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838
26 LESS: ACC. NET DEPR	11,786	12,651	13,516	14,381	15,246	16,310	17,374	18,438	19,502	20,566	21,630	22,694	23,758	23,758
27 NET INVESTMENT	40,083	39,218	38,353	37,488	48,592	47,528	46,464	45,400	44,336	43,272	42,208	41,144	40,080	40,080
28 AVERAGE INVESTMENT		39,651	38,786	37,921	43,040	48,060	46,996	45,932	44,868	43,804	42,740	41,676	40,612	40,612
29 RETURN ON AVG INVEST		223	217	213	242	270	264	257	251	245	239	233	227	2,881
30														
31 RETURN REQUIREMENTS		324	316	310	352	392	384	370	362	352	344	335	327	4,168
32														
33 PROGRAM TOTAL		1,189	1,181	1,175	1,217	1,456	1,448	1,434	1,426	1,416	1,408	1,399	1,391	16,140
34														
<b>35 BUSINESS ENERGY CHECK</b>														
36 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
37 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38 DEPRECIATION BASE		69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415
39														
40 DEPRECIATION EXPENSE		1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	13,884
41														
42 CUMM. NET INVEST	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415
43 LESS: ACC. NET DEPR	51,464	52,621	53,778	54,935	56,092	57,249	58,406	59,563	60,720	61,877	63,034	64,191	65,348	65,348
44 NET INVESTMENT	17,951	16,794	15,637	14,480	13,323	12,166	11,009	9,852	8,695	7,538	6,381	5,224	4,067	4,067
44 AVERAGE INVESTMENT		17,372	16,215	15,058	13,901	12,744	11,587	10,430	9,273	8,116	6,959	5,802	4,645	4,645
45 RETURN ON AVG INVEST		97	91	84	78	72	65	59	52	46	39	33	26	742
46														
47 RETURN REQUIREMENTS		141	132	122	113	105	95	85	75	66	56	47	37	1,074
48														
49 PROGRAM TOTAL		1,298	1,289	1,279	1,270	1,262	1,252	1,242	1,232	1,223	1,213	1,204	1,194	14,958

- Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<b>1 HOME ENERGY CHECK</b>														
2 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
5														
6 DEPRECIATION EXPENSE		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7														
8 CUMM. NET INVEST	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
9 LESS: ACC. NET DEPR	25,546	26,528	27,510	28,492	29,474	30,456	31,438	32,420	33,402	34,384	35,366	36,348	37,330	37,330
10 NET INVESTMENT	56,916	55,934	54,952	53,970	52,988	52,006	51,024	50,042	49,060	48,078	47,096	46,114	45,132	45,132
11 AVERAGE INVESTMENT		56,425	55,443	54,461	53,479	52,497	51,515	50,533	49,551	48,569	47,587	46,605	45,623	
12 RETURN ON AVG INVEST		317	311	306	300	295	289	283	277	272	266	260	256	3,432
13														
14 RETURN REQUIREMENTS		461	452	445	436	429	420	407	399	391	383	374	368	4,965
15														
16 PROGRAM TOTAL		1,443	1,434	1,427	1,418	1,411	1,402	1,389	1,381	1,373	1,365	1,356	1,350	16,749
17														
<b>18 RESIDENTIAL INCENTIVE PROGRAM</b>														
19 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
20 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21 DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	0
22														
23 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
24														
25 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
29 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
30														
31 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
32														
33 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0
34														
<b>35 LOAD MANAGEMENT SWITCHES</b>														
36 INVESTMENTS		582,155	364,586	531,287	870,347	298,506	634,481	424,784	967,595	225,056	586,697	564,912	552,360	6,602,767
37 RETIREMENTS		195,812	242,416	118,377	77,362	459,915	99,829	142,432	184,852	158,559	54,647	60,926	41,343	1,836,470
38 INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
39 CLOSING TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
40 DEPRECIATION BASE		19,369,750	19,732,791	19,916,979	20,350,397	20,952,106	20,970,740	21,484,090	21,745,233	22,541,122	22,659,576	23,188,487	23,702,264	
41														
42 AMORTIZATION EXPENSE		322,836	328,886	331,956	339,180	349,209	349,519	358,075	362,428	375,693	377,667	386,483	395,046	4,276,978
43														
44 CUMM. NET INVEST	19,467,656	19,853,999	19,976,168	20,389,078	21,182,063	21,020,654	21,555,306	21,837,659	22,620,402	22,686,899	23,218,950	23,722,936	24,233,953	24,233,953
45 LESS: ACC. NET DEPR	4,824,562	4,951,586	5,038,056	5,251,635	5,513,452	5,402,746	5,652,436	5,868,080	6,045,656	6,262,790	6,585,810	6,911,367	7,265,070	7,265,070
46 CUMM. CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 NET INVESTMENT	14,643,094	14,902,413	14,938,112	15,137,444	15,668,611	15,617,908	15,902,870	15,969,579	16,574,746	16,424,109	16,633,140	16,811,569	16,968,883	16,968,883
48 AVERAGE INVESTMENT		14,772,753	14,920,263	15,037,778	15,403,027	15,643,259	15,760,389	15,936,224	16,272,162	16,499,428	16,528,625	16,722,354	16,890,226	
49 RETURN ON AVG INVEST		82,961	83,790	84,449	86,501	87,849	88,507	89,168	91,047	92,319	92,483	93,566	94,506	1,067,146
50														
51 RETURN REQUIREMENTS		120,590	121,795	122,753	125,735	127,695	128,651	128,339	131,044	132,875	133,110	134,669	136,022	1,543,278
52														
53 PROGRAM TOTAL		443,426	450,681	454,709	464,915	476,904	478,170	486,414	493,472	508,568	510,777	521,152	531,068	5,820,256

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- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
<b>1 TECHNOLOGY DEVELOPMENT</b>														
2 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	0
5														
6 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
7														
8 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
12 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
13														
14 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
15														
16 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0
17														
<b>18 STANDBY GENERATION</b>														
19 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
20 RETIREMENTS		83,251	0	0	0	0	0	0	0	0	0	0	0	83,251
21 DEPRECIATION BASE		133,000	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	
22														
23 DEPRECIATION EXPENSE		2,217	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	18,970
24														
25 CUMM. NET INVEST	174,625	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374
26 LESS: ACC. NET DEPR	135,793	54,759	56,282	57,805	59,328	60,851	62,374	63,897	65,420	66,943	68,466	69,989	71,512	71,512
27 NET INVESTMENT	38,832	36,615	35,092	33,569	32,046	30,523	29,000	27,477	25,954	24,431	22,908	21,385	19,862	19,862
28 AVERAGE INVESTMENT		37,724	35,854	34,331	32,808	31,285	29,762	28,239	26,716	25,193	23,670	22,147	20,624	
29 RETURN ON AVG INVEST		212	201	193	184	176	167	158	150	141	133	124	116	1,955
30														
31 RETURN REQUIREMENTS		308	292	280	268	256	243	228	216	203	191	179	167	2,831
32														
33 PROGRAM TOTAL		2,525	1,815	1,803	1,791	1,779	1,766	1,751	1,739	1,726	1,714	1,702	1,690	21,801
34														
<b>35 BETTER BUSINESS</b>														
36 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
37 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38 DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	0
39														
40 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
41														
42 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
46 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0	0
47														
48 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
49														
50 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: - Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	<b>RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (Itemized below) (D)</b>													
2		0	0	0	0	0	0	0	0	0	0	0	0	0
3		56,074	55,363	(6,939)	25,640	6,555	9,882	10,031	45,977	70,250	50,543	41,859	17,277	382,509
4		0	0	0	0	0	0	0	0	0	0	0	0	0
5		0	0	0	0	0	0	0	0	0	0	0	0	0
6		50,900,341	50,844,623	50,820,410	50,811,060	50,794,963	50,786,744	50,776,789	50,748,785	50,690,672	50,630,276	50,584,075	50,554,506	
7														
8		533,168	532,520	532,394	532,469	532,389	532,348	532,299	532,159	531,870	531,570	531,340	531,193	6,385,719
9														
10	50,928,378	50,872,304	50,816,941	50,823,880	50,798,240	50,791,685	50,781,804	50,771,773	50,725,797	50,655,547	50,605,004	50,563,145	50,545,868	50,545,868
11	15,719,865	16,196,959	16,674,116	17,213,449	17,720,278	18,246,113	18,768,579	19,290,847	19,777,030	20,238,650	20,719,677	21,209,159	21,723,074	21,723,074
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	35,208,513	34,675,345	34,142,825	33,610,431	33,077,962	32,545,573	32,013,225	31,480,926	30,948,767	30,416,897	29,885,327	29,353,987	28,822,794	28,822,794
14		34,941,930	34,409,085	33,876,628	33,344,196	32,811,767	32,279,399	31,747,075	31,214,846	30,682,832	30,151,112	29,619,657	29,088,391	
15		196,226	193,234	190,244	187,254	184,263	181,274	177,635	174,656	171,681	168,704	165,731	162,758	2,153,660
16														
17		285,229	280,880	276,534	272,187	267,839	263,495	255,670	251,382	247,100	242,815	238,536	234,257	3,115,924
18														
19		818,397	813,400	808,928	804,656	800,228	795,843	787,969	783,541	778,970	774,385	769,876	765,450	9,501,643
20														
21	<b>RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID HARDWARE FOR ODS, LMS, APPDEV, &amp; TELECOM (D)</b>													
22		0	0	0	0	0	0	0	0	0	0	0	0	0
23		0	0	0	0	0	0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0	0	0	0	0	0
25		0	0	0	0	0	0	0	0	0	0	0	0	0
26		10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	
27														
28		122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,472,268
29														
30	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391
31	4,464,166	4,586,855	4,709,544	4,832,233	4,954,922	5,077,611	5,200,300	5,322,989	5,445,678	5,568,367	5,691,056	5,813,745	5,936,434	5,936,434
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	6,123,225	6,000,536	5,877,847	5,755,158	5,632,469	5,509,780	5,387,091	5,264,402	5,141,713	5,019,024	4,896,335	4,773,646	4,650,957	4,650,957
34		6,061,881	5,939,192	5,816,503	5,693,814	5,571,125	5,448,436	5,325,747	5,203,058	5,080,369	4,957,680	4,834,991	4,712,302	
35		34,042	33,353	32,665	31,975	31,286	30,597	29,799	29,113	28,427	27,739	27,053	26,367	362,416
36														
37		49,483	48,481	47,481	46,478	45,476	44,475	42,890	41,902	40,915	39,925	38,937	37,950	524,393
38														
39		172,172	171,170	170,170	169,167	168,165	167,164	165,579	164,591	163,604	162,614	161,626	160,639	1,996,661
40														
41	<b>RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID SOFTWARE FOR ODS, LMS, APPDEV (D)</b>													
42		0	0	0	0	0	0	0	0	0	0	0	0	0
43		0	0	0	0	0	0	0	0	0	0	0	0	0
44		0	0	0	0	0	0	0	0	0	0	0	0	0
45		0	0	0	0	0	0	0	0	0	0	0	0	0
46		17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	
47														
48	5 yr Property	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,579,876
49														
50	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036
51	6,158,579	6,456,902	6,755,225	7,053,548	7,351,871	7,650,194	7,948,517	8,246,840	8,545,163	8,843,486	9,141,809	9,440,132	9,738,455	9,738,455
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	11,740,457	11,442,134	11,143,811	10,845,488	10,547,165	10,248,842	9,950,519	9,652,196	9,353,873	9,055,550	8,757,227	8,458,904	8,160,581.24	8,160,581
54		11,591,296	11,292,973	10,994,650	10,696,327	10,398,004	10,099,681	9,801,358	9,503,035	9,204,712	8,906,389	8,608,066	8,309,743	
55		65,094	63,419	61,743	60,068	58,393	56,717	54,842	53,172	51,503	49,834	48,165	46,495	669,445
56														
57		94,619	92,184	89,748	87,313	84,878	82,442	78,934	76,531	74,128	71,726	69,324	66,920	968,747
58														
59		392,942	390,507	388,071	385,636	383,201	380,765	377,257	374,854	372,451	370,049	367,647	365,243	4,548,623

NOTE: - Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	<b>RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID AMI METERS (D)</b>													
2	INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS	14,747	33,389	13,925	25,640	6,555	9,882	10,031	45,977	70,250	50,543	41,859	17,277	340,072
4	INVESTMENTS BOOKED TO CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT	0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE	22,358,615	22,334,547	22,310,889	22,291,107	22,275,010	22,266,791	22,256,836	22,228,832	22,170,719	22,110,323	22,064,122	22,034,553	
7														
8	DEPRECIATION EXPENSE	111,234	111,114	110,997	110,898	110,818	110,777	110,728	110,588	110,299	109,999	109,769	109,622	1,326,843
9														
10	CUMM. NET INVEST	22,365,988	22,351,241	22,317,852	22,303,927	22,278,287	22,271,732	22,261,851	22,251,820	22,205,844	22,135,594	22,085,051	22,043,192	22,025,915
11	LESS: ACC. NET DEPR	5,031,190	5,127,677	5,205,402	5,302,474	5,387,732	5,491,996	5,592,891	5,693,588	5,758,200	5,798,249	5,857,705	5,925,616	6,017,960
12	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET INVESTMENT	17,334,798	17,223,564	17,112,450	17,001,453	16,890,555	16,779,737	16,668,960	16,558,232	16,447,644	16,337,345	16,227,346	16,117,577	16,007,955
14	AVERAGE INVESTMENT		17,279,181	17,168,007	17,056,951	16,946,004	16,835,146	16,724,348	16,613,596	16,502,938	16,392,494	16,282,345	16,172,461	16,062,766
15	RETURN ON AVG INVEST		97,036	96,412	95,788	95,165	94,542	93,921	92,958	92,338	91,721	91,105	90,490	89,876
16														1,121,352
17	RETURN REQUIREMENTS	141,049	140,142	139,235	138,329	137,424	136,521	133,794	132,902	132,014	131,127	130,242	129,358	1,622,137
18														
19	PROGRAM TOTAL	252,283	251,256	250,232	249,227	248,242	247,298	244,522	243,490	242,313	241,126	240,011	238,980	2,948,980
20														
21	<b>RESIDENTIAL ENERGY MANAGEMENT - NON-SMARTGRID RESIDENTIAL PROJECTS (D)</b>													
22	INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
23	RETIREMENTS	41,327	21,974	(20,864)	0	0	0	0	0	0	0	0	0	42,437
24	INVESTMENTS BOOKED TO CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT	0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE	55,299	23,649	23,094	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526
27														
28	DEPRECIATION EXPENSE	922	394	385	559	559	559	559	559	559	559	559	559	6,732
29														
30	CUMM. NET INVEST	75,963	34,636	12,662	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526
31	LESS: ACC. NET DEPR	65,930	25,525	3,945	25,194	25,753	26,312	26,871	27,430	27,989	28,548	29,107	29,666	30,225
32	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET INVESTMENT	10,033	9,111	8,717	8,332	7,773	7,214	6,655	6,096	5,537	4,978	4,419	3,860	3,301
34	AVERAGE INVESTMENT		9,572	8,914	8,525	8,053	7,494	6,935	6,376	5,817	5,258	4,699	4,140	3,581
35	RETURN ON AVG INVEST		54	50	48	46	42	39	36	33	30	26	23	20
36														447
37	RETURN REQUIREMENTS	78	73	70	67	61	57	52	47	43	37	33	29	647
38														
39	PROGRAM TOTAL	1,000	467	455	626	620	616	611	606	602	596	592	588	7,379

NOTE: - Jan - Jun return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

**Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Capital Structure and Cost Rates  
January 2017 - December 2017**

Class of Capital	Retail		Cost Rate	Weighted Cost Rate	PreTax
	Amount	Ratio			Weighted Cost Rate
CE	\$4,664,905	46.35%	0.10500	4.867%	7.924%
PS	0	0.00%	0.00000	0.000%	0.000%
LTD	3,327,189	33.06%	0.05470	1.809%	1.809%
STD	373,704	3.71%	0.00580	0.022%	0.022%
CD-Active	182,948	1.82%	0.02300	0.042%	0.042%
CD-Inactive	1,367	0.01%	0.00000	0.000%	0.000%
ADIT	223	0.00%	0.00000	0.000%	0.000%
FAS 109	(161,369)	-1.60%	0.00000	0.000%	0.000%
ITC	1,674,675	16.64%	0.00000	0.000%	0.000%
<b>Total</b>	<b>\$10,063,642</b>	<b>100.00%</b>		<b>6.739%</b>	<b>9.796%</b>
			<b>Total Debt</b>	<b>1.87%</b>	<b>1.872%</b>
			<b>Total Equity</b>	<b>4.87%</b>	<b>7.924%</b>

May 2016 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

Class of Capital	Retail		Cost Rate	Weighted Cost Rate	PreTax
	Amount	Ratio			Weighted Cost Rate
CE	\$4,711,485,475	44.73%	0.10500	4.697%	7.646%
PS	3,931,532,102	37.33%	0.05290	1.975%	1.975%
LTD	102,874,989	0.98%	0.00210	0.002%	0.002%
STD	0	0.00%	0.00000	0.000%	0.000%
CD-Active	191,024,808	1.81%	0.02260	0.041%	0.041%
CD-Inactive	1,455,315	0.01%		0.000%	0.000%
ADIT	1,967,889	0.02%		0.000%	0.000%
FAS 109	1,772,932,910	16.83%		0.000%	0.000%
ITC	(180,390,549)	-1.71%		0.000%	0.000%
<b>Total</b>	<b>\$10,532,882,939</b>	<b>100.00%</b>		<b>6.714%</b>	<b>9.664%</b>
			<b>Total Debt</b>	<b>2.02%</b>	<b>2.018%</b>
			<b>Total Equity</b>	<b>4.70%</b>	<b>7.646%</b>

May 2017 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

## **Program Description and Progress**

**Program Title:** Home Energy Check Program

**Program Description:** The Home Energy Check Program is a residential energy audit program that provides customers with an analysis of their energy consumption as well as educational information on how to reduce energy usage and save money. The audit provides Duke Energy Florida, LLC (DEF) an opportunity to promote and directly install cost-effective measures in customer homes, and educate and encourage customers to implement energy-saving practices. The Home Energy Check Program is the foundation for other residential demand side management programs and offers the following types of energy audits:

- Type 1: Free Walk-Through (computer assisted)
- Type 2: Customer Online (Internet Option)
- Type 3: Customer Phone Assisted
- Type 4: Home Energy Rating (BERS/HERS) Audit

The Home Energy Check Program provides residential customers with energy efficiency tips and examples of easily installed energy efficiency measures. The program promotes continued customer involvement by demonstrating sustainable and measurable reductions in energy usage through the implementation of low cost energy efficiency measures and energy saving recommendations. Participants in the program may receive a residential Energy Efficiency Kit that contains energy saving measures that can be easily installed and utilized by the customer. Contents of this kit are evaluated periodically and may change over time.

**Program Accomplishments - January 2017 - December 2017:**

37,059 customers participated in the Home Energy Check Program.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$5,088,375.

**Program Progress Summary:**

911,605 participants have participated in the Home Energy Check Program since inception. DEF will continue to use this program to inform customers about cost-effective energy efficiency measures they can implement and incentives on home energy improvements for which they may be eligible.

### **Program Description and Progress**

**Program Title:** Residential Incentive Program

**Program Description:** The Residential Incentive Program provides incentives to customers for energy efficiency improvements for both existing and new homes. The Residential Incentive Program includes incentives for measures such as duct testing, duct repair, attic insulation, replacement windows, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, and newly constructed Energy Star homes.

**Program Accomplishments - January 2017 - December 2017:**

26,190 measures were implemented through this program resulting in a savings of 7.8 Summer MW's, 15.4 Winter MW's and 10.9 GWH's.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$8,411,978.

**Program Progress Summary:**

1,014,525 measures have been implemented through this program. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing and new homes.



### **Program Description and Progress**

**Program Title:** Neighborhood Energy Saver Program

**Program Description:** DEF's Neighborhood Energy Saver program is designed to provide energy saving education and assistance to low income customers. This program targets neighborhoods that meet certain income eligibility requirements. DEF installs energy saving measures in approximately 4,500 homes and provides home energy reports to approximately 15,000 customers annually through this program. These home energy reports provide information about energy efficiency and remind customers about low cost energy saving measures.

**Program Accomplishments - January 2017 - December, 2017:**

Energy efficiency measures were installed on 4,653 homes and home energy reports were provided to 16,518 customers.

**Program Fiscal Expenditures - January 2017 - December, 2017:**

Expenses for this program were \$3,058,945.

**Program Progress Summary:**

Since program inception, DEF has installed energy efficiency measures on 33,516 homes and has provided 31,552 home energy reports to customers.

### **Program Description and Progress**

**Program Title:** Low-Income Weatherization Assistance Program

**Program Description:** The Low-Income Weatherization Assistance Program (LIWAP) is designed to integrate DEF's DSM program measures with assistance provided by the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to income eligible families. Through this partnership, DEF assists local weatherization agencies by providing energy education materials and financial incentives to weatherize the homes of low-income families.

**Program Accomplishments - January 2017 - December 2017:**  
1,247 weatherization measures were installed on 320 residential homes.

**Program Fiscal Expenditures - January 2017 - December 2017:**  
Expenses for this program were \$303,527.

**Program Progress Summary:**  
24,393 measures have been implemented through this program. DEF participates in local, state-wide and national agency meetings to promote the delivery of this program. Meetings with weatherization and other low income agencies are conducted throughout DEF's territory to encourage customer participation in energy efficiency programs. This program was recently modified to align the eligibility with that of agencies who provide weatherization services. This change is intended to expand the network of agencies that DEF can partner with.

### **Program Description and Progress**

**Program Title:** Residential/Commercial Energy Management Program

**Program Description:** The Residential/Commercial Energy Management Program is a voluntary demand response program that provides monthly bill credits to customers who allow DEF to reduce peak demand by controlling service to selected electric equipment through various devices and communication options installed on the customer's premises. These interruptions are at DEF's option, during specified time periods, and generally coincident with hours of peak demand. Residential customers must have a minimum average monthly usage of 600 kwh's to be eligible to participate in this program.

**Program Accomplishments - January 2017 - December 2017:**

9,561 residential customers were added to the program in 2017. The commercial program has been closed to new participants since July 2000.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for the residential/commercial energy management program were \$44,195,450.

**Program Progress Summary:**

There were 432,202 residential participants and 62 commercial participants at year-end 2017.

### **Program Description and Progress**

**Program Title:** Business Energy Check Program

**Program Description:** The Business Energy Check Program is a commercial energy audit program that provides commercial customers with an analysis of their energy usage and information about energy-saving practices and cost-effective measures that they can implement at their facilities. The Business Energy Check Program serves as the foundation for the Better Business Program.

**Program Accomplishments - January 2017 - December 2017:**

640 commercial energy audits were completed in 2017.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$499,288.

**Program Progress Summary:**

42,194 non-residential customers have participated in the Business Energy Check Program since inception. This program continues to educate and inform commercial customers about cost-effective energy efficiency improvements.

### **Program Description and Progress**

**Program Title:** Better Business Program

**Program Description:** This umbrella efficiency program provides incentives to existing commercial, industrial and governmental customers for heating, air conditioning, ceiling and roof insulation upgrades, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation and HVAC optimization qualifying measures.

**Program Accomplishments - January 2017 - December 2017:**

Incentives were provided to customers for 635 commercial energy efficiency measures through this program in 2017.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$3,370,955.

**Program Progress Summary:**

Incentives have been provided to customers for 20,964 commercial energy efficiency measures through this program since inception.

### **Program Description and Progress**

**Program Title:** Florida Custom Incentive Program

**Program Description:** The Florida Custom Incentive Program is designed to encourage commercial and industrial customers to make capital investments for energy efficiency measures which reduce peak demand and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive incentive programs. Examples of energy efficient technologies that would be considered under this program include, but are not limited to, new construction measures and new thermal energy storage systems.

**Program Accomplishments - January 2017 - December 2017:**

Incentives were provided to 4 customers who participated in this program in 2017.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$425,951.

**Program Progress Summary:**

217 projects have received incentives through this program since inception. This program continues to target customer specific energy efficiency measures not covered through DEF's prescriptive commercial programs.

### **Program Description and Progress**

**Program Title:** Standby Generation

**Program Description:** The Standby Generation Program is a demand control program that allows DEF to reduce system demand by dispatching the customer's stand-by generator. This is a voluntary program available to commercial and industrial customers who have on-site generation capability.

**Program Accomplishments - January 2017 - December 2017:**  
DEF added 28 customers to this program in 2017.

**Program Fiscal Expenditures - January 2017 - December 2017:**  
Expenses for this program were \$4,271,150.

**Program Progress Summary:**  
There were 168 participants at year-end 2017 providing 77 MW's of load control.

### **Program Description and Progress**

**Program Title:** Interruptible Service Program

**Program Description:** The Interruptible Service Program is a direct load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

**Program Accomplishments - January 2017 - December 2017:**

3 accounts were added to the program.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$31,149,773.

**Program Progress Summary:**

71 customers currently participate in this program providing 313 winter MW's and 295 summer MW's of load control.



### **Program Description and Progress**

**Program Title:** Curtailable Service Program

**Program Description:** The Curtailable Service Program is an indirect load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

**Program Accomplishments - January 2017 - December 2017:**

No accounts were added to this program.

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$2,138,316.

**Program Progress Summary:**

There were 2 customers and 4 accounts participating in this program in 2017 providing 8.2 MWs of load control.

## Program Description and Progress

**Program Title:** Technology Development

**Program Description:** The Technology Development Program is designed to allow DEF to investigate technologies that support the development of new demand response and energy efficiency programs. This program includes, but is not limited to, technological research, field demonstration projects, research on load behavior and demand-side management measures and other market related research.

### **Program Accomplishments - January 2017 - December 2017:**

Several research and development projects continued and/or launched in 2017.

- Continued a project for appliance energy efficiency and demand response using the CTA-2045 modular communications interface including field pilot projects for CTA-2045-enabled retrofit water heater switches, resistance and heat-pump water heaters, pool pumps, HVAC thermostats and electric vehicle chargers (EVSE). The purpose of the project is to understand the potential to utilize the CTA-2045 device to support load management programs. DEF plans to continue to collect and analyze field pilot data for design of potential cost-effective demand response programs.
- Continued to collaborate with the University of South Florida on a project for commercial building energy efficiency and demand response utilizing control systems that interface with existing customer building management systems. Data collection will be completed and a final report for this project will be produced in 2018.
- Continued demonstration of technologies that utilize Variable Speed Heat Pumps with the potential of eliminating strip heat as a back-up heat source for heat pumps. Significant improvements in energy efficiency have been documented at these sites. Winter data from 2017 showed good performance and these systems have been monitored through February 2018 to further document winter performance.
- Continued the Renewable SEEDS project. This project consists of two sites with PV systems integrated with energy storage. Both of these sites have demonstrated smoothing, energy shifting and demand response capabilities. These sites were maintained throughout 2017, but this project will be brought to a close during 2018 and a final report summarizing the results will be issued.
- Renewed the Solar PV project for data collection to document customer solar resources with a focus on larger PV arrays with and without energy storage.
- Continued participation in an EPRI project to study the potential of using customer demand response to provide benefits to compensate for variable loads and intermittent renewable generation resources.
- Completed a project to improve the efficacy of commercial energy audits through analysis of available customer data to identify candidates that are likely to benefit from energy efficiency measures. Although the results of the pilot validated the ability of the tool to identify energy efficiency opportunities, the pilot also identified issues related to customer acceptance and willingness to participate that would need to be considered in any potential future program offerings.
- Continued the Energy Management Circuit Breaker Project. This project will continue to explore the potential for developing a program for customer circuit breakers that includes communication, metering, and remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources. A field pilot program has been installed and operational data is being collected from appliances in 10 customer homes. This data will be used to document the operation of these breakers and assess the cost-effectiveness for potential EE and DR programs.
- Partnered with EPRI on a project to assess the demand response opportunities for new and existing variable capacity heat pump systems in support of potential future load management programs.
- Partnered with EPRI and other research organizations to evaluate energy efficiency, energy storage, and alternative energy / innovative technologies.

### **Program Description and Progress**

**Program Fiscal Expenditures - January 2017 - December 2017:**

Expenses for this program were \$432,476.

**Program Progress Summary:**

DEF continued to focus on researching and testing new technologies which have the potential to provide new programs and create new customer offerings.

## Program Description and Progress

**Program Title:** Qualifying Facility

**Program Description:** The purpose of this program is to meet the objectives and obligations established by Section 366.051, Florida Statutes, and the Commission's rules contained within Chapter 25-17, Florida Administrative Code, regarding the purchase of as-available energy and firm energy and capacity from Qualifying Facilities (QFs), including those that utilize renewable sources as defined in Section 366.91, Florida Statutes, pursuant to an as-available tariff, standard offer contract, or negotiated contracts.

Under the QF program, DEF facilitates and administers the power purchases from qualifying facilities and state jurisdictional interconnections. This Program develops standard offer contracts, negotiates, enters into, amends and restructures non-firm energy, and firm energy and capacity contracts entered into with qualifying cogeneration, small power producers, and renewable facilities.

### **Program Accomplishments - January, 2017 - December, 2017:**

Avoided cost and interconnection service activity with renewable and distributed resource (DR) developers steadily increased in 2017. DEF provided QF, renewable, or DR related information to many interested parties who are exploring distributed generation options in Florida. Numerous calls and meetings were held with parties interested in the advancement of these distributed resource technologies, their markets and pricing changes. DEF continued evolving its analytics and business processes that are required to support good faith QF purchased power negotiations and interconnection service.

Meetings were held with current QFs to discuss extending existing purchase agreements. The contracts under development are monitored for construction milestones, financing status, permitting, transmission studies and agreements, insurance and performance security.

DEF successfully administered all existing QF purchased power contracts that are in-service for contractual compliance and added one additional QF on the non-firm as-available Tariff. The state jurisdictional QF interconnection activity was managed by completing 56 new pre-application interconnection requests and 65 MW of new interconnection studies to the state queue throughout 2017. The QF purchased power contracts produced more than 3.2 Million-MWhs for DEF customers during 2017. On December 29, 2017, DEF filed a petition for approval to terminate a QF PPA Agreement with Florida Power Development, LLC under Docket No. 20170274-EQ which is estimated to save customers between \$38 million and \$59 million in net present value. During the April 20, 2018 Agenda Conference, the Commission approved termination of the PPA.

### **Program Fiscal Expenditures - January, 2017 - December, 2017:**

Expenses for this program were \$1,030,774.

### **Program Progress Summary:**

As of December 31, 2017, DEF administered total firm capacity contracts from in-service QFs of approximately 511 MW and five As-Available energy contracts with active deliveries to DEF; There are 60 MW of firm capacity and a placeholder of 250 MW of executed As-Available energy contracts under development for future service. In addition, as of December 31, 2017, there were a total of 3,571 MW of potential QF pre-application requests completed for state jurisdictional interconnection service, a total of 199.9 MW's of potential QF state jurisdictional interconnection requests in process, and over 4,200 MW of potential QF FERC jurisdictional interconnection requests in the FERC interconnection queue under study.

**Duke Energy Florida, LLC**  
**Energy Conservation Cost Recovery**  
**Calculation of Energy & Demand Allocation % by Rate Class**  
**January 2019 - December 2019**

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrsx(1))	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) mWh Sales at Source Energy Allocator (%)	(9) 12 CP Demand Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1 Secondary	0.548	20,593,148	4,291.48	0.9413447	21,876,309	4,558.88	2,497.30	52.591%	60.276%	59.685%
<b>General Service Non-Demand</b>										
GS-1, GST-1										
Secondary	0.576	2,001,248	396.85	0.9413447	2,125,946	421.58	242.69	5.111%	5.574%	5.538%
Primary	0.576	15,976	3.17	0.9719653	16,437	3.26	1.88	0.040%	0.043%	0.043%
Transmission	0.576	2,484	0.49	0.9819653	2,530	0.50	0.29	0.006%	0.007%	0.007%
								5.156%	5.624%	5.588%
<b>General Service</b>										
GS-2 Secondary	1.000	177,263	20.24	0.9413447	188,308	21.50	21.50	0.453%	0.284%	0.297%
<b>General Service Demand</b>										
GSD-1, GSDT-1										
Secondary	0.742	11,774,036	1,810.48	0.9413447	12,507,677	1,923.29	1,427.82	30.069%	25.429%	25.786%
Primary	0.742	2,216,857	340.88	0.9719653	2,280,799	350.72	260.37	5.483%	4.637%	4.702%
Transmission	0.742	0	0.00	0.9819653	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	0.796	44,079	6.32	0.9719653	45,350	6.51	5.18	0.109%	0.086%	0.088%
Transm Del/ Transm Mtr	0.796	8,533	1.22	0.9819653	8,690	1.25	0.99	0.021%	0.016%	0.017%
Transm Del/ Primary Mtr	0.796	1,872	0.27	0.9719653	1,926	0.28	0.22	0.005%	0.004%	0.004%
								35.686%	30.172%	30.596%
<b>Curtable</b>										
CS-1, CST-1, CS-2, CST-2										
Secondary	1.082	(0)	(0.00)	0.9413447	(0)	(0.00)	(0.00)	0.000%	0.000%	0.000%
Primary	1.082	71,221	7.51	0.9719653	73,275	7.73	8.36	0.176%	0.102%	0.108%
SS-3 Primary	1.248	66,505	6.08	0.9719653	68,423	6.26	7.81	0.164%	0.083%	0.089%
								0.341%	0.185%	0.197%
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.911	89,356	11.19	0.9413447	94,924	11.89	10.84	0.228%	0.157%	0.163%
Sec Del/Primary Mtr	0.911	4,978	0.62	0.9719653	5,122	0.64	0.58	0.012%	0.008%	0.009%
Primary Del / Primary Mtr	0.911	1,113,149	139.45	0.9719653	1,145,256	143.47	130.74	2.753%	1.897%	1.963%
Primary Del / Transm Mtr	0.911	249	0.03	0.9819653	254	0.03	0.03	0.001%	0.000%	0.000%
Transm Del/ Transm Mtr	0.911	346,705	43.43	0.9819653	353,073	44.23	40.31	0.849%	0.585%	0.605%
Transm Del/ Primary Mtr	0.911	223,444	27.99	0.9719653	229,889	28.80	26.24	0.553%	0.381%	0.394%
SS-2 Primary	0.686	60,525	10.07	0.9719653	62,271	10.37	7.11	0.150%	0.137%	0.138%
Transm Del/ Transm Mtr	0.686	92,935	15.47	0.9819653	94,642	15.75	10.80	0.228%	0.208%	0.210%
Transm Del/ Primary Mtr	0.686	11,069	1.84	0.9719653	11,388	1.90	1.30	0.027%	0.025%	0.025%
								4.800%	3.399%	3.507%
<b>Lighting</b>										
LS-1 (Secondary)	10.191	380,801	4.27	0.9413447	404,528	4.53	46.18	0.972%	0.060%	0.130%
		39,296,432	7,139.36		41,597,015	7,563.34	4,748.52	100.000%	100.000%	100.000%

Notes:

(1) Average 12CP load factor based on load research study filed July 31, 2018 (Rule 25-6-0437 (7))	(6) Column 3 / Column 4
(2) Projected kWh sales for the period January 2019 to December 2019	(7) Column 5 / 8,760 hours
(3) Calculated: Column 2 / (8,760 hours x Column 1)	(8) Column 5/ Total Column 5
(4) Based on system average line loss analysis for 2017	(9) Column 6/ Total Column 6
(5) Column 2 / Column 4	(10) Column 8 x 1/13 + Column 9 x 12/13

**Duke Energy Florida, LLC**  
**Energy Conservation Cost Recovery**  
**Calculation of Energy Conservation Cost Recovery Rate Factors by Rate Class**  
**January 2019 - December 2019**

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy- Related Costs (\$)	(4) Production Demand Costs (\$)	(5) Total Energy Conservation Costs (\$)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery (\$/kW-month)	(10) Energy Conservation Cost Recovery (cents/kWh)
<b>Residential</b>										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	52.591%	59.685%	\$ 10,681,203	\$ 50,459,469	\$ 61,140,672	20,593,148				0.297
<b>General Service Non-Demand</b>										
GS-1, GST-1										
Secondary						2,001,248				0.286
Primary						15,816				0.283
Transmission						2,434				0.280
TOTAL GS	5.156%	5.588%	\$ 1,047,263	\$ 4,724,035	\$ 5,771,298	2,019,498				
<b>General Service</b>										
GS-2										
Secondary	0.453%	0.297%	\$ 91,942	\$ 251,244	\$ 343,186	177,263				0.194
<b>General Service Demand</b>										
GSD-1, GSDT-1, SS-1*										
Secondary						11,774,036			0.94	
Primary						2,240,180			0.93	
Transmission						8,362			0.92	
TOTAL GSD	35.686%	30.596%	\$ 7,247,863	\$ 25,867,199	\$ 33,115,062	14,022,578	54.40%	35,310,682		
<b>Curtaillable</b>										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						(0)			0.41	
Primary						136,349			0.41	
Transmission						-			0.40	
TOTAL CS	0.341%	0.197%	\$ 69,185	\$ 166,492	\$ 235,677	136,349	32.20%	580,059		
<b>Interruptible</b>										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						89,356			0.79	
Primary						1,399,033			0.78	
Transmission						431,091			0.77	
TOTAL IS	4.800%	3.507%	\$ 974,955	\$ 2,964,773	\$ 3,939,728	1,919,481	52.60%	4,998,909		
<b>Lighting</b>										
LS-1										
Secondary	0.972%	0.130%	\$ 197,513	\$ 110,000	\$ 307,512	380,801				0.081
TOTAL LS	100.000%	100.000%	\$ 20,309,924	\$ 84,543,212	\$ 104,853,136	39,249,117				0.267

- Notes:
- (1) From Schedule C-1 1P, Column 8
  - (2) From Schedule C-1 1P, Column 10
  - (3) Column 1 x Total Energy Dollars, C-2 Page 1, line 20
  - (4) Column 2 x Total Demand Dollars, C-2 Page 1, line 21
  - (5) Column 3 + Column 4

- (6) kWh sales at effective secondary voltage
- (7) Class Billing kW Load Factor
- (8) Column 6 x 1000 / 8,760 / Column 7 x 12
- (9) Column 5 / Column 8 (x voltage factor if applicable)
- (10) Column 5 / Column 6 / 10

Calculation of Standby Service kW Charges			
	ECCR Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$37,290,467	40,889,650	0.91
<b>SS-1 2 3 - \$/KW-mo</b>			
Monthly - \$0.91/kW * 10%	0.091	0.090	0.089
Daily - \$0.91/kW / 21	0.043	0.043	0.042

**Duke Energy Florida, LLC**  
**Energy Conservation Cost Recovery**  
**Estimated Conservation Program Costs**  
**January 2019 - December 2019**

FPSC Docket No. 20180002-EG  
Duke Energy Florida, LLC  
Witness: Lori J. Cross  
Exhibit No.\_\_\_\_(LJC-1P)  
Schedule C-2  
Page 1 of 5

Line No.	Program Demand (D) or Energy (E)	12 Month Total			
1	Home Energy Check (E)	\$5,462,447			
2	Residential Incentive Program (E)	7,388,880			
3	Business Energy Check (E)	858,893			
4	Better Business (E)	3,242,712			
5	Technology Development (E)	800,000			
6	Florida Custom Incentive (Innovation Incentive) (E)	645,319			
7	Interruptible Service (D)	35,299,564			
8	Curtable Service (D)	2,195,256			
9	Energy Management (Residential & Commercial) (D)	44,104,674			
10	Low Income Weatherization Assistance Program (E)	354,813			
11	Standby Generation (D)	4,469,693			
12	Qualifying Facility (E)	1,211,168			
13	Neighborhood Energy Saver (E)	2,994,366			
14	Conservation Program Admin (E)	2,593,059			
15	Conservation Program Admin (D)	1,515,413			
16	Total ECCR Program Costs	<u>\$113,136,259</u>			
17			2018		
18		12 Months	End of Period Net True-Up	Revenue	Total
19	<u>Demand &amp; Energy Summary</u>	<u>Total</u>	<u>(Over)/Under Recovery</u>	<u>Expansion</u>	<u>Recoverable</u>
20	Energy	\$25,551,658	(\$5,247,866)	1.000302	\$20,309,924
21	Demand	87,584,601	(3,066,913)	1.000302	84,543,212
22	Total Demand & Energy Costs	<u>\$113,136,259</u>	<u>(\$8,314,779)</u>		<u>\$104,853,136</u>

**Duke Energy Florida, LLC**  
**Energy Conservation Cost Recovery**  
**Estimated Conservation Program Costs**  
**January 2019 - December 2019**

Line No.	Program Demand (D) or Energy (E)	Est Jan-19	Est Feb-19	Est Mar-19	Est Apr-19	Est May-19	Est Jun-19	Est Jul-19	Est Aug-19	Est Sep-19	Est Oct-19	Est Nov-19	Est Dec-19	Total
1	Home Energy Check (E)	\$416,252	\$494,490	\$451,932	\$442,287	\$429,209	\$402,179	\$403,257	\$396,444	\$442,917	\$483,823	\$474,219	\$625,438	\$5,462,447
2	Residential Incentive Program (E)	609,544	606,436	635,016	617,435	617,404	613,041	612,467	624,024	618,600	611,675	610,336	612,902	7,388,880
3	Business Energy Check (E)	43,782	43,782	45,138	62,138	44,638	45,138	329,720	45,217	45,714	45,212	62,709	45,704	858,893
4	Better Business (E)	267,759	267,759	273,486	269,904	269,904	270,786	269,904	272,115	270,646	269,904	269,904	270,639	3,242,712
5	Technology Development (E)	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	66,666	800,000
6	Florida Custom Incentive Program (E)	43,727	43,727	44,609	44,007	44,007	44,608	44,007	44,007	44,611	44,007	94,009	109,994	645,319
7	Interruptible Service (D)	2,937,466	2,938,158	2,939,081	2,939,826	2,940,569	2,941,307	2,942,042	2,942,774	2,943,503	2,944,227	2,944,947	2,945,665	35,299,564
8	Curtable Service (D)	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	182,938	2,195,256
9	Energy Management (Residential & Commercial) (D)	3,577,788	3,649,844	3,334,206	3,120,390	3,469,636	3,711,329	3,790,833	3,844,306	3,859,285	3,677,047	4,235,411	3,834,598	44,104,674
10	Low Income Weatherization Assistance Program (E)	33,654	27,154	33,911	26,898	29,898	31,898	26,898	31,911	30,898	26,898	27,898	26,898	354,813
11	Standby Generation (D)	372,746	372,404	372,580	372,576	372,573	372,569	372,565	372,440	372,314	372,311	372,310	372,308	4,469,693
12	Qualifying Facility (E)	100,089	100,389	100,089	101,389	101,889	101,389	101,089	101,389	100,089	100,089	101,889	101,389	1,211,168
13	Neighborhood Energy Saver (E)	190,715	213,692	272,487	269,902	264,218	266,768	311,208	290,069	262,929	264,092	207,463	180,823	2,994,366
14	Conservation Program Admin (E)	197,763	193,591	251,982	200,280	197,204	251,417	202,510	197,550	250,857	200,214	198,715	250,975	2,593,059
15	Conservation Program Admin (D)	115,575	113,137	147,261	117,046	115,248	146,931	118,349	115,450	146,604	117,008	116,131	146,672	1,515,413
16	<b>Total ECCR Program Costs</b>	<b>\$9,156,465</b>	<b>\$9,314,167</b>	<b>\$9,151,382</b>	<b>\$8,833,683</b>	<b>\$9,146,002</b>	<b>\$9,448,964</b>	<b>\$9,774,455</b>	<b>\$9,527,300</b>	<b>\$9,638,571</b>	<b>\$9,406,113</b>	<b>\$9,965,545</b>	<b>\$9,773,613</b>	<b>\$113,136,259</b>
17	<b>Demand &amp; Energy Summary</b>													
18	Energy	\$1,969,952	\$2,057,686	\$2,175,316	\$2,100,907	\$2,065,038	\$2,093,890	\$2,367,728	\$2,069,392	\$2,133,928	\$2,112,582	\$2,113,808	\$2,291,432	\$25,551,658
19	Demand	7,186,513	7,256,481	6,976,066	6,732,776	7,080,964	7,355,074	7,406,727	7,457,908	7,504,643	7,293,531	7,851,737	7,482,181	87,584,601
20	<b>Total Demand &amp; Energy Costs</b>	<b>\$9,156,465</b>	<b>\$9,314,167</b>	<b>\$9,151,382</b>	<b>\$8,833,683</b>	<b>\$9,146,002</b>	<b>\$9,448,964</b>	<b>\$9,774,455</b>	<b>\$9,527,300</b>	<b>\$9,638,571</b>	<b>\$9,406,113</b>	<b>\$9,965,545</b>	<b>\$9,773,613</b>	<b>\$113,136,259</b>



Duke Energy Florida, LLC  
**Energy Conservation Cost Recovery**  
**Estimated Conservation Program Costs**  
**January 2019 - December 2019**

FPSC Docket No. 20180002-EG  
**Duke Energy Florida, LLC**  
**Witness Lori J. Cross**  
**Exhibit No. (LJC-1P)**  
**Schedule C-2**  
**Page 3 of 5**

Line No.	Program Demand (D) or Energy (E)	Depreciation, Amortization & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues (Credits)	Total
1	Home Energy Check (E)	\$13,939	\$2,816,043	\$151,310	\$998,582	\$845,569	\$437,779	\$92,516	\$106,708	\$0	\$5,462,447
2	Residential Incentive Program (E)	0	2,511,427	19,316	197,239	29,340	4,476,744	88,824	65,989	0	7,388,880
3	Business Energy Check (E)	2,950	452,200	13,944	316,000	18,922	35,000	5,702	14,175	0	858,893
4	Better Business (E)	0	1,215,233	8,579	141,200	36,141	1,800,000	14,360	27,201	0	3,242,712
5	Technology Development (E)	0	150,189	75,000	489,811	0	60,000	5,000	20,000	0	800,000
6	Florida Custom Incentive Program (E)	0	184,798	11,050	117,143	24,000	300,000	2,518	5,811	0	645,319
7	Interruptible Service (D)	80,773	227,161	0	0	0	34,985,928	1,107	4,595	0	35,299,564
8	Curtable Service (D)	0	8,400	0	0	0	2,186,856	0	0	0	2,195,256
9	Energy Management (Residential & Commercial) (D)	15,180,772	1,731,494	11,323	1,721,766	779,512	24,546,197	63,402	70,209	0	44,104,674
10	Low Income Weatherization Assistance Program (E)	0	128,953	0	2,100	32,500	182,260	500	8,500	0	354,813
11	Standby Generation (D)	8,175	355,643	158,400	0	0	3,933,996	7,285	6,194	0	4,469,693
12	Qualifying Facility (E)	0	1,178,868	3,000	4,800	0	0	4,500	20,000	0	1,211,168
13	Neighborhood Energy Saver (E)	0	188,374	0	272,573	84,435	2,430,265	2,120	16,600	0	2,994,366
14	Conservation Program Admin (E)	0	1,758,798	47,223	514,993	0	0	2,204	269,840	0	2,593,059
15	Conservation Program Admin (D)	0	1,027,861	27,598	300,968	0	0	1,288	157,698	0	1,515,413
16	<b>Total ECCR Program Costs</b>	<b>\$15,286,609</b>	<b>\$13,935,442</b>	<b>\$526,742</b>	<b>\$5,077,175</b>	<b>\$1,850,419</b>	<b>\$75,375,025</b>	<b>\$291,328</b>	<b>\$793,520</b>	<b>\$0</b>	<b>\$113,136,259</b>
17	<b>Demand &amp; Energy Summary</b>										
18	Energy	\$16,889	\$10,584,883	\$329,421	\$3,054,441	\$1,070,907	\$9,722,048	\$218,245	\$554,824	\$0	\$25,551,658
19	Demand	15,269,720	3,350,559	197,321	2,022,734	779,512	65,652,977	73,083	238,696	0	87,584,601
20	<b>Total Demand &amp; Energy Costs</b>	<b>\$15,286,609</b>	<b>\$13,935,442</b>	<b>\$526,742</b>	<b>\$5,077,175</b>	<b>\$1,850,419</b>	<b>\$75,375,025</b>	<b>\$291,328</b>	<b>\$793,520</b>	<b>\$0</b>	<b>\$113,136,259</b>

**Duke Energy Florida, LLC**  
**Energy Conservation Cost Recovery**  
**Schedule of Capital Investment, Depreciation & Return**  
**January 2019 December 2019**

FPSC Docket No. 20180002 EG  
Duke Energy Florida, LLC  
Witness: Lori J. Cross  
Exhibit No. \_\_\_\_\_ (LJC 1P)  
Schedule G 2  
Page 4 of 5

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Est Jan-19	Est Feb-19	Est Mar-19	Est Apr-19	Est May-19	Est Jun-19	Est Jul-19	Est Aug-19	Est Sep-19	Est Oct-19	Est Nov-19	Est Dec-19	Total
<b>1 Home Energy Check (E)</b>															
2	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4	Depreciation Base		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7															
8	Cumulative Investment		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
9	Less Accumulated Depreciation		49,114	50,096	51,078	52,060	53,042	54,024	55,006	55,988	56,970	57,952	58,934	59,916	60,898
10	Net Investment		33,348	32,366	31,384	30,402	29,420	28,438	27,456	26,474	25,492	24,510	23,528	22,546	21,564
11	Average Investment		32,857	31,875	30,893	29,911	28,929	27,947	26,965	25,983	25,001	24,019	23,037	22,055	
12	Return on Average Investment		175	169	165	159	154	149	144	138	133	128	122	117	1,753
13															
14	Return Requirements		215	208	203	195	189	183	177	170	164	157	150	144	2,155
15															
16	Program Total		\$1,197	\$1,190	\$1,185	\$1,177	\$1,171	\$1,165	\$1,159	\$1,152	\$1,146	\$1,139	\$1,132	\$1,126	\$13,939
<b>17 Business Energy Check (E)</b>															
18	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
19	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
20	Depreciation Base		0	0	0	0	0	0	0	25,000	25,000	25,000	25,000	25,000	
21															
22	Depreciation Expense		0	0	0	0	0	0	0	417	417	417	417	417	2,085
23															
24	Cumulative Investment		0	0	0	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000
25	Less Accumulated Depreciation		0	0	0	0	0	0	0	417	834	1,251	1,668	2,085	2,085
26	Net Investment		0	0	0	0	0	0	25,000	24,583	24,166	23,749	23,332	22,915	22,915
27	Average Investment		0	0	0	0	0	0	12,500	24,792	24,375	23,958	23,541	23,124	
28	Return on Average Investment		0	0	0	0	0	0	67	132	129	128	125	123	704
29															
30	Return Requirements		0	0	0	0	0	0	82	162	159	157	154	151	865
31															
32	Program Total		\$0	\$0	\$0	\$0	\$0	\$0	\$82	\$579	\$576	\$574	\$571	\$568	\$2,950
<b>33 Interruptible Service (D)</b>															
34	Investments		\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$397,200
35	Retirements		0	7,153	0	0	0	0	0	0	0	0	0	0	7,153
36	Depreciation Base		125,673	155,197	184,720	217,820	250,920	284,020	317,120	350,220	383,320	416,420	449,520	482,620	
37															
38	Depreciation Expense		2,095	2,587	3,079	3,630	4,182	4,734	5,285	5,837	6,389	6,940	7,492	8,044	60,294
39															
40	Cumulative Investment		125,673	158,773	184,720	217,820	250,920	284,020	317,120	350,220	383,320	416,420	449,520	482,620	515,720
41	Less Accumulated Depreciation		39,435	41,530	36,964	40,043	43,673	47,855	52,589	57,874	63,711	70,100	77,040	84,532	92,576
42	Net Investment		86,238	117,243	147,756	177,777	207,247	236,165	264,531	292,346	319,609	346,320	372,480	398,088	423,144
43	Average Investment		101,741	132,500	162,767	192,512	221,706	250,348	278,439	305,978	332,965	359,400	385,294	410,616	
44	Return on Average Investment		541	704	866	1,024	1,179	1,331	1,481	1,627	1,771	1,912	2,049	2,184	16,669
45															
46	Return Requirements		665	865	1,064	1,258	1,449	1,635	1,819	1,999	2,176	2,349	2,517	2,683	20,479
47															
48	Program Total		\$2,760	\$3,452	\$4,143	\$4,888	\$5,631	\$6,369	\$7,104	\$7,836	\$8,565	\$9,289	\$10,009	\$10,727	\$80,773
<b>49 Standby Generation (D)</b>															
50	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51	Retirements		0	35,171	0	0	0	0	0	12,267	0	0	0	0	47,538
52	Depreciation Base		67,538	49,952	32,367	32,367	32,367	32,367	32,367	32,367	26,183	20,000	20,000	20,000	
53															
54	Depreciation Expense		1,126	833	539	539	539	539	539	436	333	333	333	333	6,422
55															
56	Cumulative Investment		67,538	67,538	32,367	32,367	32,367	32,367	32,367	32,367	20,000	20,000	20,000	20,000	20,000
57	Less Accumulated Depreciation		39,008	40,134	5,796	6,335	6,874	7,413	7,952	8,491	2,666	2,899	3,332	3,665	3,998
58	Net Investment		28,530	27,404	26,571	26,032	25,493	24,954	24,415	23,876	17,334	17,001	16,668	16,335	16,002
59	Average Investment		27,967	26,988	26,302	25,763	25,224	24,685	24,146	23,605	17,168	16,835	16,502	16,169	
60	Return on Average Investment		149	144	140	137	134	131	128	110	91	89	88	86	1,427
61															
62	Return Requirements		183	177	172	168	165	161	157	135	112	109	108	106	1,753
63															
64	Program Total		\$1,309	\$1,010	\$711	\$707	\$704	\$700	\$696	\$571	\$445	\$442	\$441	\$439	\$8,175

**Notes**

- Return on average investment is calculated using an annual rate of 6.38% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAE-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 25.345%.
- The WACC used for 2019 has been adjusted in compliance with paragraph 19 of DEF's Settlement Agreement in Docket No. 20170183-EI, Order No. PSC-2017-0451-AS-EU



Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Program Costs  
January - June 2018 Actuals  
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FPSC Docket No. 20180002-EG  
Duke Energy Florida, LLC  
Witness Lori J. Cross  
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Line No.	Program Demand (D) or Energy (E)	Depreciation		Operating & Maintenance Costs						Program Revenues (Credits)	Total
		Amortization & Return	Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other		
1	<u>Home Energy Check (E)</u>										
2	A. Actual	\$7,644	\$1,421,565	\$47,129	\$531,233	\$48,204	\$326,453	\$255,866	\$70,269	\$0	\$2,708,364
3	B. Estimated	7,380	1,380,000	51,000	510,000	54,000	350,000	234,000	66,000	0	2,652,380
4											
5	C. Total	\$15,024	\$2,801,565	\$98,129	\$1,041,233	\$102,204	\$676,453	\$489,866	\$136,269	\$0	\$5,360,744
6											
7	<u>Residential Incentive Program (E)</u>										
8	A. Actual	\$0	\$1,169,127	\$39,584	\$97,096	\$15,187	(\$9,028)	\$2,760,121	\$19,114	\$0	\$4,091,201
9	B. Estimated	0	1,164,000	40,500	93,000	14,500	32,500	2,460,000	18,000	0	3,822,500
10											
11	C. Total	\$0	\$2,333,127	\$80,084	\$190,096	\$29,687	\$23,472	\$5,220,121	\$37,114	\$0	\$7,913,701
12											
13	<u>Business Energy Check (E)</u>										
14	A. Actual	\$4,119	\$212,477	\$4,403	\$14,610	\$4,858	\$5,938	\$12,227	\$10,486	\$0	\$269,118
15	B. Estimated	0	211,800	4,000	15,000	600	9,200	12,227	12,000	0	264,827
16											
17	C. Total	\$4,119	\$424,277	\$8,403	\$29,610	\$5,458	\$15,138	\$24,454	\$22,486	\$0	\$533,945
18											
19	<u>Better Business (E)</u>										
20	A. Actual	\$0	\$613,732	\$5,846	\$62,083	\$2,662	\$18,913	\$810,019	\$13,610	\$0	\$1,526,864
21	B. Estimated	0	613,500	4,875	31,500	3,000	10,000	750,000	8,400	0	1,421,275
22											
23	C. Total	\$0	\$1,227,232	\$10,721	\$93,583	\$5,662	\$28,913	\$1,560,019	\$22,010	\$0	\$2,948,139
24											
25	<u>Technology Development (E)</u>										
26	A. Actual	\$0	\$132,723	\$3	\$2,181	\$12,712	\$0	\$0	\$6,022	\$0	\$153,641
27	B. Estimated	0	105,898	0	210,000	6,000	0	0	10,000	0	331,898
28											
29	C. Total	\$0	\$238,621	\$3	\$212,181	\$18,712	\$0	\$0	\$16,022	\$0	\$485,539
30											
31	<u>Florida Custom Incentive Program (E)</u>										
32	A. Actual	\$0	\$87,233	\$125	\$95,752	\$5,369	\$25,735	\$45,790	\$1,049	\$0	\$261,053
33	B. Estimated	0	60,000	210	51,536	120	12,000	120,000	1,200	0	245,066
34											
35	C. Total	\$0	\$147,233	\$335	\$147,288	\$5,489	\$37,735	\$165,790	\$2,249	\$0	\$506,119
36											
37	<u>Interruptible Service (D)</u>										
38	A. Actual	\$7,906	\$130,752	\$323	\$68	\$714	\$0	\$17,573,696	\$1,252	\$0	\$17,714,712
39	B. Estimated	12,169	150,813	1,500	0	600	0	17,964,714	2,221	0	18,132,018
40											
41	C. Total	\$20,075	\$281,565	\$1,823	\$68	\$1,314	\$0	\$35,538,410	\$3,473	\$0	\$35,846,729

Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Program Costs  
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Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs							Program Revenues (Credits)	Total
			Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other		
1	<u>Curtailable Service (D)</u>										
2	A. Actual	\$0	\$20,359	\$0	\$0	\$0	\$0	\$1,025,731	\$187	\$0	\$1,046,277
3	B. Estimated	0	20,455	0	0	0	0	968,994	0	0	989,449
4											
5	C. Total	\$0	\$40,814	\$0	\$0	\$0	\$0	\$1,994,725	\$187	\$0	\$2,035,726
6											
7	<u>Neighborhood Energy Saver (E)</u>										
8	A. Actual	\$0	\$107,136	\$638	\$158,602	\$889	\$56,517	\$1,042,542	\$15,653	\$0	\$1,381,977
9	B. Estimated	0	107,400	250	174,000	0	18,000	1,526,000	7,500	0	1,833,150
10											
11	C. Total	\$0	\$214,536	\$888	\$332,602	\$889	\$74,517	\$2,568,542	\$23,153	\$0	\$3,215,127
12											
13	<u>Energy Management (Residential &amp; Commercial) (D)</u>										
14	A. Actual	\$6,368,265	\$948,581	\$29,987	\$1,027,161	\$67,564	\$482,556	\$12,171,819	\$31,852	\$0	\$21,127,785
15	B. Estimated	6,863,521	929,989	40,791	600,000	5,276	487,278	12,362,522	30,119	0	21,319,495
16											
17	C. Total	\$13,231,786	\$1,878,570	\$70,778	\$1,627,161	\$72,840	\$969,833	\$24,534,341	\$61,971	\$0	\$42,447,280
18											
19	<u>Low Income Weatherization Assistance Program (E)</u>										
20	A. Actual	\$0	\$66,605	\$0	\$1,139	\$0	\$16,000	\$62,546	\$5,556	\$0	\$151,846
21	B. Estimated	0	66,600	0	1,140	0	18,000	74,000	5,500	0	165,240
22											
23	C. Total	\$0	\$133,205	\$0	\$2,279	\$0	\$34,000	\$136,546	\$11,056	\$0	\$317,086
24											
25	<u>Standby Generation (D)</u>										
26	A. Actual	\$7,248	\$163,823	\$2,686	\$1,891	\$12,456	\$0	\$1,909,711	\$1,098	\$0	\$2,098,912
27	B. Estimated	5,269	159,967	4,008	3,600	112,500	0	2,027,376	4,770	0	2,317,489
28											
29	C. Total	\$12,517	\$323,789	\$6,694	\$5,491	\$124,956	\$0	\$3,937,087	\$5,868	\$0	\$4,416,401
30											
31	<u>Qualifying Facility (E)</u>										
32	A. Actual	\$0	\$569,092	\$1,088	\$0	\$48	\$0	\$0	\$15,474	\$0	\$585,701
33	B. Estimated	0	594,000	2,760	30,000	155	0	0	14,100	0	641,015
34											
35	C. Total	\$0	\$1,163,092	\$3,848	\$30,000	\$203	\$0	\$0	\$29,574	\$0	\$1,226,716
36											
37	<u>Conservation Program Admin (E)</u>										
38	A. Actual	\$0	\$1,260,688	\$792	\$388,823	\$48,386	\$0	\$0	\$199,551	\$0	\$1,898,240
39	B. Estimated	0	1,326,000	4,800	240,000	21,000	0	0	240,000	0	1,831,800
40											
41	C. Total	\$0	\$2,586,688	\$5,592	\$628,823	\$69,386	\$0	\$0	\$439,551	\$0	\$3,730,040
42	<b>ECCR Program Costs</b>	<b>\$13,283,521</b>	<b>\$13,794,314</b>	<b>\$287,298</b>	<b>\$4,340,416</b>	<b>\$436,800</b>	<b>\$1,860,062</b>	<b>\$76,169,900</b>	<b>\$810,982</b>	<b>\$0</b>	<b>\$110,983,292</b>

Duke Energy Florida, LLC  
**Energy Conservation Cost Recovery**  
**Schedule of Capital Investment, Depreciation & Return**  
 January - June 2018 Actuals  
 July - December 2018 Estimates

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 Duke Energy Florida, LLC  
 Witness: Lori J. Cross  
 Exhibit No. (LJC-1P)  
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1	<b>Home Energy Check (E)</b>														
2	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4	Depreciation Base		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
5															
6	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7															
8	Cumulative Investment	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
9	Less: Accumulated Depreciation	37,330	38,312	39,294	40,276	41,258	42,240	43,222	44,204	45,186	46,168	47,150	48,132	49,114	49,114
10	Net Investment	45,132	44,150	43,168	42,186	41,204	40,222	39,240	38,258	37,276	36,294	35,312	34,330	33,348	33,348
11	Average Investment		44,641	43,659	42,677	41,695	40,713	39,731	38,749	37,767	36,785	35,803	34,821	33,839	33,839
12	Return on Average Investment		250	244	239	233	227	223	214	208	203	198	192	186	2,617
13															
14	Return Requirements		309	302	296	288	281	276	265	258	252	245	238	230	3,240
15															
16	Program Total		\$1,291	\$1,284	\$1,278	\$1,270	\$1,263	\$1,258	\$1,247	\$1,240	\$1,234	\$1,227	\$1,220	\$1,212	\$15,024
17	<b>Business Energy Check (E)</b>														
18	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Retirements		0	0	0	69,415	0	0	0	0	0	0	0	0	69,415
20	Depreciation Base		69,415	69,415	69,415	34,707	0	0	0	0	0	0	0	0	0
21															
22	Depreciation Expense		1,157	1,157	1,157	596	0	0	0	0	0	0	0	0	4,067
23															
24	Cumulative Investment	69,415	69,415	69,415	69,415	0	0	0	0	0	0	0	0	0	0
25	Less: Accumulated Depreciation	65,348	66,505	67,662	68,819	0	0	0	0	0	0	0	0	0	0
26	Net Investment	4,067	2,910	1,753	596	0.00	0	0	0	0	0	0	0	0	0
27	Average Investment		3,488	2,331	1,174	298	0	0	0	0	0	0	0	0	0
28	Return on Average Investment		20	13	7	2	0	0	0	0	0	0	0	0	42
29															
30	Return Requirements		25	16	9	2	0	0	0	0	0	0	0	0	52
31															
32	Program Total		\$1,182	\$1,173	\$1,166	\$598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,119
33	<b>Standby Generation (D)</b>														
34	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
35	Retirements		0	0	43,836	0	0	0	0	0	0	0	0	0	43,836
36	Depreciation Base		91,374	91,374	69,456	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538
37															
38	Depreciation Expense		1,523	1,523	1,158	792	792	792	792	792	792	792	792	792	11,332
39															
40	Cumulative Investment	91,374	91,374	91,374	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	47,538	67,538	67,538
41	Less: Accumulated Depreciation	71,512	73,035	74,558	31,880	32,672	33,464	34,256	35,048	35,840	36,632	37,424	38,216	39,008	39,008
42	Net Investment	19,862	18,339	16,816	15,658	14,866	14,074	13,282	12,490	11,698	10,906	10,114	9,322	8,530	28,530
43	Average Investment		19,101	17,578	16,237	15,262	14,470	13,678	12,886	12,094	11,302	10,510	9,718	8,926	18,926
44	Return on Average Investment		107	99	91	86	81	77	71	67	63	58	54	104	958
45															
46	Return Requirements		132	122	113	106	100	95	88	83	78	72	67	129	1,185
47															
48	Program Total		\$1,655	\$1,645	\$1,271	\$898	\$892	\$887	\$880	\$875	\$870	\$864	\$859	\$921	\$12,517

Notes:  
 - Jan - Jun return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
 - Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
 - Return Requirements are calculated using a combined statutory tax rate of 25.345%.

Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Schedule of Capital Investment, Depreciation & Return  
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Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1	<b>Interruptible Service (D)</b>														
2	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,000	\$0	\$0	\$0	\$62,000
3	Retirements		0	0	165	0	0	0	0	0	0	0	0	0	165
4	Depreciation Base		63,838	63,838	63,756	63,673	63,673	63,673	63,673	63,673	63,673	125,673	125,673	125,673	
5															
6	Depreciation Expense		1,064	1,064	1,063	1,061	1,061	1,061	1,061	1,061	1,061	2,095	2,095	2,095	15,842
7															
8	Cumulative Investment	63,838	63,838	63,838	63,673	63,673	63,673	63,673	63,673	63,673	125,673	125,673	125,673	125,673	125,673
9	Less: Accumulated Depreciation	23,758	24,822	25,886	26,784	27,845	28,906	29,967	31,028	32,089	33,150	35,245	37,340	39,435	39,435
10	Net Investment	40,080	39,016	37,952	36,889	35,828	34,767	33,706	32,645	31,584	30,523	29,462	28,401	27,340	86,238
11	Average Investment		39,548	38,484	37,421	36,359	35,298	34,237	33,176	32,115	31,054	29,993	28,932	27,871	87,286
12	Return on Average Investment		221	216	209	203	197	192	183	177	172	163	157	151	3,419
13															
14	Return Requirements		274	267	259	251	244	237	227	219	213	206	199	193	4,233
15															
16	Program Total		\$1,338	\$1,331	\$1,322	\$1,312	\$1,305	\$1,298	\$1,288	\$1,280	\$1,484	\$2,721	\$2,705	\$2,691	\$20,075
17	<b>Residential Energy Management - Summary (Itemized below) (D)</b>														
18	Expenditures Booked Directly to Plant		\$791,351	\$611,611	\$903,634	\$983,421	\$611,854	\$1,067,446	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$10,466,367
19	Retirements		45,307	27,438	62,516	22,550	28,922	23,246	12,183	17,719	39,975	31,979	20,040	14,694	346,569
20	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Depreciation Base		52,731,253	53,486,232	54,052,865	54,913,966	55,871,651	56,457,421	57,507,152	58,408,376	59,295,704	60,175,902	61,066,068	61,964,876	
23															
24	Depreciation Expense		825,101	837,684	849,031	861,480	877,442	887,205	904,700	919,721	934,510	949,180	964,017	978,997	10,789,068
25															
26	Cumulative Plant Investment	52,753,907	53,499,951	54,084,124	54,925,242	55,886,112	56,469,044	57,513,244	58,417,236	59,315,692	60,191,892	61,076,088	61,972,223	62,873,704	62,873,704
27	Less: Accumulated Depreciation	22,970,184	23,749,978	24,560,224	25,346,739	26,185,668	27,034,188	27,898,148	28,790,664	29,692,667	30,587,201	31,504,402	32,448,380	33,412,683	33,412,683
28	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Net Plant Investment	29,783,723	29,749,972	29,523,900	29,578,503	29,700,443	29,434,856	29,615,096	29,626,571	29,623,025	29,604,690	29,571,685	29,523,843	29,461,021	29,461,021
30	Average Investment		29,766,848	29,636,936	29,551,201	29,639,473	29,567,650	29,524,976	29,620,834	29,624,798	29,613,858	29,588,188	29,547,764	29,492,432	29,492,432
31	Return on Average Investment		166,556	165,828	165,346	165,842	165,439	165,202	163,365	163,387	163,327	163,183	162,961	162,656	1,973,092
32															
33	Return Requirements		206,111	205,209	204,611	205,226	204,729	204,436	202,337	202,363	202,289	202,112	201,836	201,459	2,442,718
34															
35	Program Total		\$1,031,212	\$1,042,893	\$1,053,642	\$1,066,706	\$1,082,171	\$1,091,641	\$1,107,037	\$1,122,084	\$1,136,799	\$1,151,292	\$1,165,853	\$1,180,456	\$13,231,786
36	<b>Residential Energy Management - SmartGrid Hardware for ODS, LMS, APPDEV &amp; TELECOM (D)</b>														
37	Expenditures Booked Directly to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
39	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
40	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
41	Depreciation Base		10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	
42															
43	Depreciation Expense		122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,472,268
44															
45	Cumulative Plant Investment	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391
46	Less: Accumulated Depreciation	5,936,434	6,059,123	6,181,812	6,304,501	6,427,190	6,549,879	6,672,568	6,795,257	6,917,946	7,040,635	7,163,324	7,286,013	7,408,702	7,408,702
47	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Net Plant Investment	4,650,957	4,528,268	4,405,579	4,282,890	4,160,201	4,037,512	3,914,823	3,792,134	3,669,445	3,546,756	3,424,067	3,301,378	3,178,689	3,178,689
49	Average Investment		4,589,613	4,466,924	4,344,235	4,221,546	4,098,857	3,976,168	3,853,479	3,730,790	3,608,101	3,485,412	3,362,723	3,240,034	3,240,034
50	Return on Average Investment		25,681	24,994	24,307	23,621	22,934	22,248	21,563	20,877	20,191	19,505	18,819	18,133	261,151
51															
52	Return Requirements		31,780	30,930	30,079	29,230	28,381	27,532	26,683	25,834	24,985	24,136	23,287	22,438	323,296
53															
54	Program Total		\$154,469	\$153,619	\$152,768	\$151,919	\$151,070	\$150,221	\$149,012	\$148,173	\$147,336	\$146,497	\$145,659	\$144,821	\$1,795,564

Notes:  
- Jan - Jun return on average investment is calculated using an annual rate of 6.71% based on May 2017 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.  
- Return Requirements are calculated using a combined statutory tax rate of 25.345%.

Duke Energy Florida, LLC  
 Energy Conservation Cost Recovery  
 Schedule of Capital Investment, Depreciation & Return  
 January - June 2018 Actuals  
 July - December 2018 Estimates

FPSC Docket No. 20180002-EG  
 Duke Energy Florida, LLC  
 Witness: Lori J. Cross  
 Exhibit No. (LJC-1P)  
 Schedule C-3  
 Page 5 of 8

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1	<b>Residential Energy Management - SmartGrid Software for ODS, LMS, APPDEV (D)</b>														
2	Expenditures Booked Directly to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Depreciation Base	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	
7															
8	Depreciation Expense	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,579,876
9															
10	Cumulative Plant Investment	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036	17,899,036
11	Less: Accumulated Depreciation	9,738,455	10,036,778	10,335,101	10,633,424	10,931,747	11,230,070	11,528,393	11,826,716	12,125,039	12,423,362	12,721,685	13,020,008	13,318,331	13,318,331
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	8,160,581	7,862,258	7,563,935	7,265,612	6,967,289	6,668,966	6,370,643	6,072,320	5,773,997	5,475,674	5,177,351	4,879,028	4,580,705	4,580,705
14	Average Investment	8,011,420	7,713,097	7,414,774	7,116,451	6,818,128	6,519,805	6,221,482	5,923,159	5,624,836	5,326,513	5,028,190	4,729,867	4,431,544	4,431,544
15	Return on Average Investment	44,827	43,157	41,487	39,819	38,149	36,481	34,813	33,145	31,477	29,809	28,141	26,473	24,805	24,805
16															
17	Return Requirements	55,473	53,406	51,339	49,275	47,209	45,145	43,081	41,017	38,953	36,889	34,825	32,761	30,697	526,268
18															
19	Program Total	\$353,796	\$351,729	\$349,662	\$347,598	\$345,532	\$343,468	\$341,404	\$339,340	\$337,276	\$335,212	\$333,148	\$331,084	\$329,020	\$4,106,144
20	<b>Residential Energy Management - SmartGrid AMI Meters (D)</b>														
21	Expenditures Booked Directly to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Depreciation Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26															
27	Depreciation Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28															
29	Cumulative Plant Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Net Plant Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Average Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Return on Average Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35															
36	Return Requirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37															
38	Program Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	<b>Residential Energy Management - Non-SmartGrid Residential Projects (D)</b>														
40	Expenditures Booked Directly to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	Retirements	0	0	33,526	0	0	0	0	0	0	0	0	0	0	33,526
42	Investments Booked to CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Closings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Depreciation Base	33,526	33,526	16,763	0	0	0	0	0	0	0	0	0	0	0
45															
46	Depreciation Expense	559	559	2,183	0	0	0	0	0	0	0	0	0	0	3,301
47															
48	Cumulative Plant Investment	33,526	33,526	33,526	0	0	0	0	0	0	0	0	0	0	0
49	Less: Accumulated Depreciation	30,225	30,784	31,343	0	0	0	0	0	0	0	0	0	0	0
50	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Net Plant Investment	3,301	2,742	2,183	0	0	0	0	0	0	0	0	0	0	0
52	Average Investment	3,022	2,463	1,904	0	0	0	0	0	0	0	0	0	0	0
53	Return on Average Investment	17	14	6	0	0	0	0	0	0	0	0	0	0	37
54															
55	Return Requirements	21	17	7	0	0	0	0	0	0	0	0	0	0	45
56															
57	Program Total	\$580	\$576	\$2,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,346

Notes:

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- Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 25.345%.



Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Schedule of Capital Investment, Depreciation & Return  
January - June 2018 Actuals  
July - December 2018 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 18	Act Feb 18	Act Mar 18	Act Apr 18	Act May 18	Act Jun 18	Est Jul 18	Est Aug 18	Est Sep 18	Est Oct 18	Est Nov 18	Est Dec 18	Total
1	<b>Residential Energy Management - Load Management Switches (D)</b>														
2	Expenditures Booked Directly to Plant		\$791,351	\$611,611	\$903,634	\$983,421	\$611,854	\$1,067,446	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$916,175	\$10,466,367
3	Retirements		45,307	27,438	28,990	22,550	28,922	23,246	12,183	17,719	39,975	31,979	20,040	14,694	313,043
4	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Amortization Base		24,211,300	24,966,279	25,549,675	26,427,539	27,385,224	27,970,994	29,020,725	29,921,949	30,809,277	31,689,475	32,579,641	33,478,449	
7															
8	Amortization Expense		403,530	416,113	425,836	440,468	456,430	466,193	483,688	498,709	513,498	528,168	543,005	557,985	5,733,623
9															
10	Cumulative Plant Investment	24,233,953	24,979,998	25,564,171	26,438,814	27,399,685	27,982,617	29,026,817	29,930,808	30,829,265	31,705,464	32,589,661	33,485,796	34,387,277	34,387,277
11	Less: Accumulated Depreciation	7,265,070	7,623,293	8,011,968	8,408,814	8,826,731	9,254,239	9,697,187	10,168,691	10,649,682	11,123,204	11,619,393	12,142,359	12,685,650	12,685,650
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	16,968,883	17,356,704	17,552,202	18,030,000	18,572,953	18,728,378	19,329,630	19,762,117	20,179,583	20,582,260	20,970,267	21,343,437	21,701,627	21,701,627
14	Average Investment		17,162,794	17,454,453	17,791,101	18,301,477	18,650,665	19,029,004	19,545,874	19,970,850	20,380,922	20,776,264	21,156,852	21,522,532	
15	Return on Average Investment		96,031	97,663	99,546	102,402	104,356	106,473	107,799	110,143	112,405	114,585	116,684	118,701	1,286,788
16															
17	Return Requirements		118,837	120,856	123,186	126,721	129,139	131,759	133,515	136,418	139,220	141,920	144,520	147,018	1,593,109
18															
19	Program Total		\$522,367	\$536,969	\$549,022	\$567,189	\$585,569	\$597,952	\$617,203	\$635,127	\$652,718	\$670,088	\$687,525	\$705,003	\$7,326,732
20	<b>Summary of Demand &amp; Energy</b>														
21	Energy		\$2,473	\$2,457	\$2,444	\$1,868	\$1,263	\$1,258	\$1,247	\$1,240	\$1,234	\$1,227	\$1,220	\$1,212	\$19,143
22	Demand		1,034,205	1,045,869	1,056,235	1,068,916	1,084,368	1,093,826	1,109,205	1,124,239	1,139,153	1,154,877	1,169,417	1,184,068	13,264,378
23	Total Return & Depreciation		\$1,036,678	\$1,048,326	\$1,058,679	\$1,070,784	\$1,085,631	\$1,095,084	\$1,110,452	\$1,125,479	\$1,140,387	\$1,156,104	\$1,170,637	\$1,185,280	\$13,283,521

Notes:

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- Jul - Dec return on average investment is calculated using an annual rate of 6.62% based on May 2018 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
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Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Calculation of Interest Provision  
January 2018 - December 2018

Line No.	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total
1 Beginning True-Up Amount (C3, Page 8, Lines 7 & 8)	(\$5,894,546)	(\$5,215,291)	(\$4,434,323)	(\$3,376,991)	(\$2,875,705)	(\$2,620,334)	(\$2,817,302)	(\$4,667,247)	(\$7,002,365)	(\$9,070,072)	(\$10,011,448)	(\$9,320,702)	
2 Ending True-Up Amount Before Interest (C3, Page 8, Lines 5,7-10)	(5,208,259)	(4,428,135)	(3,371,332)	(2,870,876)	(2,616,089)	(2,812,955)	(4,661,077)	(6,992,746)	(9,056,823)	(9,995,719)	(9,304,766)	(8,300,242)	
3 Total Beginning & Ending True-Up (Line 1 + Line 2)	<u>(11,102,805)</u>	<u>(9,643,426)</u>	<u>(7,805,654)</u>	<u>(6,247,867)</u>	<u>(5,491,794)</u>	<u>(5,433,290)</u>	<u>(7,478,379)</u>	<u>(11,659,993)</u>	<u>(16,059,188)</u>	<u>(19,065,791)</u>	<u>(19,316,214)</u>	<u>(17,620,944)</u>	
4 Average True-Up Amount (50% of Line 3)	<u>(5,551,403)</u>	<u>(4,821,713)</u>	<u>(3,902,827)</u>	<u>(3,123,933)</u>	<u>(2,745,897)</u>	<u>(2,716,645)</u>	<u>(3,739,190)</u>	<u>(5,829,996)</u>	<u>(8,029,594)</u>	<u>(9,532,896)</u>	<u>(9,658,107)</u>	<u>(8,810,472)</u>	
5 Interest Rate: First Day Reporting Business Month	1.58%	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%
6 Interest Rate: First Day Subsequent Business Month	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%	1.98%
7 Total (Line 5 & Line 6) (Line 5 + Line 6)	<u>3.04%</u>	<u>3.08%</u>	<u>3.48%</u>	<u>3.71%</u>	<u>3.71%</u>	<u>3.84%</u>	<u>3.96%</u>	<u>3.96%</u>	<u>3.96%</u>	<u>3.96%</u>	<u>3.96%</u>	<u>3.96%</u>	<u>3.96%</u>
8 Average Interest Rate (50% of Line 7)	<u>1.520%</u>	<u>1.540%</u>	<u>1.740%</u>	<u>1.855%</u>	<u>1.855%</u>	<u>1.920%</u>	<u>1.980%</u>	<u>1.980%</u>	<u>1.980%</u>	<u>1.980%</u>	<u>1.980%</u>	<u>1.980%</u>	<u>1.980%</u>
9 Interest Provision (Line 4 * Line 8) / 12	<u>(\$7,032)</u>	<u>(\$6,188)</u>	<u>(\$5,659)</u>	<u>(\$4,829)</u>	<u>(\$4,245)</u>	<u>(\$4,347)</u>	<u>(\$6,170)</u>	<u>(\$9,619)</u>	<u>(\$13,249)</u>	<u>(\$15,729)</u>	<u>(\$15,936)</u>	<u>(\$14,537)</u>	<u>(\$107,540)</u>

Duke Energy Florida, LLC  
 Energy Conservation Cost Recovery  
 Energy Conservation Adjustment  
 Calculation of True-Up  
 January 2018 - December 2018

Line No.	Act Jan-18	Act Feb-18	Act Mar-18	Act Apr-18	Act May-18	Act Jun-18	Est Jul-18	Est Aug-18	Est Sep-18	Est Oct-18	Est Nov-18	Est Dec-18	Total	
1	ECCR Revenues	\$8,332,326	\$8,855,241	\$8,443,318	\$8,027,967	\$8,322,867	\$9,924,426	\$11,134,104	\$11,630,855	\$11,374,722	\$10,261,628	\$8,643,832	\$8,344,698	\$113,295,985
2	Prior Period True-Up Over/(Under) Recovery	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	5,894,544
3	ECCR Revenues Applicable to Period	8,823,538	9,346,453	8,934,530	8,519,179	8,814,079	10,415,638	11,625,316	12,122,067	11,865,934	10,752,840	9,135,044	8,835,910	119,190,529
4	ECCR Expenses	9,018,614	9,642,397	9,506,310	8,534,082	8,582,483	9,731,805	9,290,329	9,305,356	9,320,264	9,335,981	9,350,514	9,365,157	110,983,292
5	True-Up This Period (Over)/Under Recovery	195,076	295,944	571,779	14,903	(231,596)	(683,833)	(2,334,987)	(2,816,711)	(2,545,670)	(1,416,859)	215,470	529,248	(8,207,237)
6	Current Period Interest	(7,032)	(6,188)	(5,659)	(4,829)	(4,245)	(4,347)	(6,170)	(9,619)	(13,249)	(15,729)	(15,936)	(14,537)	(107,540)
7	Audit Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
8	True-Up & Interest Provision Beginning of Period	(5,894,546)	(5,215,291)	(4,434,323)	(3,376,991)	(2,875,705)	(2,620,334)	(2,817,302)	(4,667,247)	(7,002,365)	(9,070,072)	(10,011,448)	(9,320,702)	(5,894,546)
9	GRT Refunded	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Prior Period True-Up Over/(Under) Recovery	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	491,212	5,894,544
11	End of Period Net True-Up	(\$5,215,291)	(\$4,434,323)	(\$3,376,991)	(\$2,875,705)	(\$2,620,334)	(\$2,817,302)	(\$4,667,247)	(\$7,002,365)	(\$9,070,072)	(\$10,011,448)	(\$9,320,702)	(\$8,314,779)	(\$8,314,779)

Duke Energy Florida, LLC  
 Energy Conservation Cost Recovery  
 Calculation of ECCR Revenues  
 January 2019 - December 2019

Line No.	Month	Jurisdictional mWh Sales	ECCR Revenue Net of Revenue Taxes
1	January	2,910,658	\$7,829,801
2	February	2,865,578	7,669,191
3	March	2,726,453	7,249,529
4	April	2,827,964	7,443,420
5	May	3,072,144	8,052,573
6	June	3,633,132	9,647,403
7	July	3,867,657	10,319,234
8	August	3,885,511	10,364,074
9	September	3,970,304	10,592,430
10	October	3,614,731	9,590,583
11	November	3,056,719	8,055,702
12	December	2,865,582	7,644,713
13	Total	39,296,432	\$104,458,654

**Duke Energy Florida, LLC  
Energy Conservation Cost Recovery  
Capital Structure and Cost Rates**

FPSC Docket No. 20180002-EG  
Duke Energy Florida, LLC  
Witness: Lori J. Cross  
Exhibit No. (LJC-1P)  
Schedule C-6  
Page 1 of 1

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,711,485,475	44.73%	10.50%	4.70%	6.29%
LTD	3,931,532,102	37.33%	5.29%	1.97%	1.97%
STD	102,874,989	0.98%	0.21%	0.00%	0.00%
CD-Active	191,024,808	1.81%	2.26%	0.04%	0.04%
CD-Inactive	1,455,315	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,772,932,910	16.83%	0.00%	0.00%	0.00%
FAS 109	(180,390,549)	-1.71%	0.00%	0.00%	0.00%
ITC	1,967,889	0.02%	0.00%	0.00%	0.00%
<b>Total</b>	<b>\$10,532,882,939</b>	<b>100%</b>		<b>6.71%</b>	<b>8.31%</b>
			<b>Total Debt</b>	<b>2.018%</b>	<b>2.018%</b>
			<b>Total Equity</b>	<b>4.697%</b>	<b>6.291%</b>

May 2017 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.  
Used to Calculate January 2018 - June 2018

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$5,022,459,234	44.29%	10.50%	4.65%	6.23%
LTD	4,497,051,945	39.66%	4.90%	1.94%	1.94%
STD	(193,058,184)	-1.70%	0.88%	-0.01%	-0.01%
CD-Active	179,648,841	1.58%	2.35%	0.04%	0.04%
CD-Inactive	1,597,098	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,826,908,909	16.11%	0.00%	0.00%	0.00%
ITC	5,239,408	0.05%	7.85%	0.00%	0.00%
<b>Total</b>	<b>\$11,339,847,250</b>	<b>100.00%</b>		<b>6.62%</b>	<b>8.20%</b>
			<b>Total Debt</b>	<b>1.968%</b>	<b>1.968%</b>
			<b>Total Equity</b>	<b>4.651%</b>	<b>6.229%</b>

May 2018 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.  
Used to Calculate July 2018 - December 2018

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 4,374,787,363	40.92%	10.50%	4.30%	5.75%
LTD	4,497,051,945	42.06%	4.90%	2.06%	2.06%
STD	(193,058,184)	-1.81%	0.94%	-0.02%	-0.02%
CD-Active	179,648,841	1.68%	2.35%	0.04%	0.04%
CD-Inactive	1,597,098	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,826,908,909	17.09%	0.00%	0.00%	0.00%
ITC	5,239,408	0.05%	7.85%	0.00%	0.00%
<b>Total</b>	<b>\$ 10,692,175,379</b>	<b>100.00%</b>		<b>6.38%</b>	<b>7.84%</b>
			<b>Total Debt</b>	<b>2.086%</b>	<b>2.086%</b>
			<b>Total Equity</b>	<b>4.296%</b>	<b>5.755%</b>

May 2018 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.  
Consistent with Paragraph 9 of the RRSSA  
Used to Calculate January 2019 - December 2019

## **Program Description and Progress**

**Program Title:** Home Energy Check

**Program Description:** The Home Energy Check is a residential energy audit program that provides residential customers with an analysis of their energy consumption as well as educational information on how to reduce energy usage and save money. The audit provides DEF the opportunity to promote and directly install cost-effective measures in customers' homes while also educating and encouraging customers to implement energy-saving practices.

**Program Projections - January 2019 - December 2019:** It is estimated that 33,500 customers will participate in this program during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$5,462,447.

**Program Progress Summary:** As of year-to-date, June 30, 2018, 18,902 customers have participated in this program. The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

## **Program Description and Progress**

**Program Title:** Residential Incentive Program

**Program Description:** The Residential Incentive Program provides incentives to residential customers for energy efficiency improvements for both existing homes and new homes. The Residential Incentive Program includes incentives for measures such as duct testing, duct repair, attic insulation, replacement windows, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, and newly constructed Energy Star homes.

**Program Projections - January 2019 - December 2019:** It is estimated that 22,017 completions will be performed in this program during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$7,388,880.

**Program Progress Summary:** As of year-to-date, June 30, 2018, 13,091 measure installations have taken place in the current year as a result of this program.

## **Program Description and Progress**

**Program Title:** Neighborhood Energy Saver Program

**Program Description:** The Neighborhood Energy Saver Program is designed to assist customers in selected neighborhoods where approximately 50% of the households have incomes equal to or less than 200% of the poverty level established by the U.S. Government. DEF or a third party contractor directly installs energy conservation measures, identified through an energy assessment, in customer homes to increase energy efficiency. Customers also receive a comprehensive package of energy education materials which inform them on ways to better manage their energy usage. The energy conservation measures are installed and energy efficiency education is provided at no cost to the participants.

**Program Projections - January 2019 - December 2019:** It is estimated that energy conservation measures will be installed on 4,500 homes and approximately 15,000 customers will receive a comprehensive home energy report with information that will help them manage their energy usage.

**Program Fiscal Costs for January 2019 - December 2019:** Costs for this program are projected to be \$2,994,366.

**Program Progress Summary:** As of year-to-date, June 30, 2018, there have been 26,250 measures installed on 2446 homes and a monthly average of 16,776 Home Energy Reports have been provided to customers.



## **Program Description and Progress**

**Program Title:** Low-Income Weatherization Assistance Program

**Program Description:** The Low-Income Weatherization Program is designed to integrate DEF's program measures with assistance provided by the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to low-income eligible families. Through this partnership, DEF assists local weatherization agencies and other non-profit or government agencies by providing energy education, energy education materials and financial incentives to weatherize the homes of low-income families.

**Program Projections - January 2019 - December 2019:** It is estimated that 1,017 weatherization measures will be installed on 339 residential homes.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$354,813.

**Program Progress Summary:** As of year-to-date, June 30, 2018, there have been 383 measures installed on 133 homes through this program.

## **Program Description and Progress**

**Program Title:** Energy Management Program (Residential & Commercial)

**Program Description:** The Residential Energy Management program is a voluntary program that incorporates direct control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Residential customers have a choice of options and receive a credit on their monthly electric bills depending on the load control options selected and their monthly kWh usage. The Commercial program was closed to new participants as of July 20, 2000.

This program provides approximately 693 MW's of winter and 384 MW's of summer load reduction. Approximately 433,000 customers currently participate in the program requiring over 559,000 control switches.

**Program Projections - January 2019 - December 2019:** During this period DEF anticipates adding 5,951 new participants to the current portfolio of approximately 433,000 participants.

**Program Fiscal Costs - January 2019 - December 2019:** Program costs during this period are projected to be \$44,104,674.

**Program Progress Summary:** Through year-to-date, June 30, 2018, a total of 3,123 new participant installations have been completed.

## **Program Description and Progress**

**Program Title:** Business Energy Check Program

**Program Description:** The Business Energy Check Program provides no-cost energy audits at non-residential facilities. This program acts as a motivational tool to identify, evaluate and inform consumers about cost effective energy saving measures that can be installed at their facility. The Business Energy Check Program serves as the foundation for the Better Business Program.

**Program Projections - January 2019 - December 2019:** It is estimated that 640 customers will participate in this program during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$858,893.

**Program Progress Summary:** As of year-to-date, June 30, 2018, 286 customers have participated in this program..

## **Program Description and Progress**

**Program Title:** Better Business Program

**Program Description:** This umbrella efficiency program provides incentives to existing commercial, industrial, and governmental customers for heating, air conditioning, roof insulation, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation, and HVAC optimization qualifying measures.

**Program Projections - January 2019 - December 2019:** It is estimated that 485 measure installations will take place as a result of this program during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$3,242,712.

**Program Progress Summary:** As of year-to-date, June 30, 2018, 276 measure installations have taken place as a result of this program.

## **Program Description and Progress**

**Program Title:** Florida Custom Incentive Program

**Program Description:** The Florida Custom Incentive Program is designed to encourage customers to make capital investments for energy efficiency measures which reduce peak KW and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive programs. Examples of energy efficient technologies that would be considered under this program include, but are not limited to, new construction measures and new thermal energy storage systems.

**Program Projections - January 2019 - December 2019:** It is estimated that 28 customers will participate in the program during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$645,319.

**Program Progress Summary:** As of year-to-date June 30, 2018, 6 customers have participated in this program and there are a number of other applications that are currently being evaluated.

## **Program Description and Progress**

**Program Title:** Standby Generation

**Program Description:** The Standby Generation Program is a demand control program that reduces DEF's system demand based on control of customer equipment. It is a voluntary program available to commercial and industrial customers who have on-site generation capability and are willing to reduce their DEF demand when necessary. This program is part of DEF's General Service Load Management-2 (GSLM-2) rate schedule.

**Program Projections - January 2019 - December 2019:** It is estimated that 12 new installations will be completed during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Expenses for this program are projected to be \$4,469,693.

**Program Progress Summary:** There are currently a total of 176 accounts participating in this program.

## **Program Description and Progress**

**Program Title:** Interruptible Service

**Program Description:** Interruptible Service is a direct load control DSM program in which customers contract to allow DEF to interrupt their electrical service during times of capacity shortages during peak or emergency conditions. In return, customers receive a monthly credit on their bill based on their monthly peak demand.

**Program Projections - January 2019 - December 2019:** 3 new accounts are estimated to sign up for this program during the projection period.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$35,299,564.

**Program Progress Summary:** There are a total of 167 accounts participating in this program.

## **Program Description and Progress**

**Program Title:** Curtailable Service

**Program Description:** Curtailable Service is an indirect load control DSM program in which customers contract to curtail or reduce a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by DEF. In return, customers receive a monthly rebate for the curtailable portion of their load.

**Program Projections - January 2019 - December 2019:** DEF is not projecting to add any new participants during the projection period as DEF expects that customers are more likely to participate in the Interruptible or Stand-by load management programs.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$2,195,256 and 97% of these costs are attributable to incentives paid to customers who currently participate in the program.

**Program Progress Summary:** As of June 30, 2018, there are 4 customers participating in this program.



## Program Description and Progress

**Program Title:** Technology Development

**Program Description:** The Technology Development Program allows DEF to investigate technologies that support the development of cost-effective demand reduction and energy efficiency programs.

**Program Projections - January 2019 - December 2019:** DEF has partnered with various research organizations including, the University of South Florida (USF), and the Electric Power Research Institute (EPRI) to evaluate energy efficiency, energy storage, demand response, and smart-charging technologies. Several research projects associated with these four focus areas will continue and/or launch in 2019:

- Energy Management Circuit Breakers
- Smart Charging for Electric Transportation
- Smart Appliances for Demand Management and Customer EE
- Advanced Variable Capacity HVAC
- USF Renewable Energy Storage
- Persistent Wi-Fi for Demand Side Management
- EPRI programs (energy efficiency, energy storage, integration of renewable resources, electric transportation infrastructure)

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$800,000.

**Program Progress Summary:** The following provides a summary of projects that DEF is currently supporting through this program:

- Energy Management Circuit Breaker Project: This project will continue to explore the potential for developing a Florida program for customer circuit breakers that include communication, metering, and remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources. A field pilot consisting of 10 customer homes is installed and operational data is being collected from appliances. DEF will continue to test smart breaker applications including smart breakers that have electric vehicle charging capabilities in 2019. DEF will document the operation of these breakers and assess the cost-effectiveness for potential EE and DR programs.
- Smart charging for electric transportation: Testing will include analysis of residential and

## **Program Description and Progress**

public charging, vehicle charging programs and Electric Vehicle Supply Equipment (EVSE) control technology.

- CTA-2045 Testing Project: The CTA-2045 standard provides for a modular communications interface to residential appliances for demand management. CTA-2045 also provides standard signals for DSM to control appliances. DEF, in partnership with EPRI, is testing: CTA-2045 thermostats, heat pump water heaters, electric water heaters, pool pump/timers, and electric vehicle chargers. DEF is also testing retrofit devices that could bring the features of CTA-2045 to existing appliances including water heaters, pool pumps, and electric vehicle chargers. The functionality of these devices is being verified in field demonstrations for program development.
- Advanced Variable Capacity HVAC Pilot: This project will evaluate the demand response capability of internet-connected variable capacity heat pumps. We will verify that variable capacity systems can provide greater peak power reduction while limiting discomfort to the customer (compared to traditional duty cycling strategies for single-speed systems). This pilot will test triggering of DSM using open standards and actuate through manufacturer cloud-based communication. DEF will utilize existing heat pumps resulting in minimal need for retrofit. Currently these heat pumps cannot participate in our Residential Energy Management Program because of the type of thermostatic control employed in these systems.
- USF Renewable Energy Storage System: This project will evaluate the use of a customer-sited energy storage system and a solar PV installation to renewably control customer demand, including high demand spikes from fast electric vehicle charging. DEF will also determine the feasibility of a potential DSM program using the solar and energy storage systems. The renewable energy storage system will also have the capability to supply loads during a prolonged utility outage (due to storms, etc.).
- Persistent Wi-Fi for Demand Side Management Project: This project will design and test hardware and software to enable persistent connection of utility demand response equipment utilizing customer provided internet connection in a secure Wi-Fi configuration.

## Program Description and Progress

**Program Title:** Qualifying Facility

**Program Description:** This program supports the costs to administer and facilitate the interconnection and purchase of as-available energy and firm energy and capacity from qualifying facilities including those that utilize renewable sources and distributed energy resources.

**Program Projections - January 2019 - December 2019:** DEF will continue to engage with interested parties wanting to provide cogeneration or renewable resources to DEF. Discussions around potential projects, grid access and QF avoided cost with renewables, energy storage, and combined heat and power developers continue to increase. These parties are exploring distributed generation options as the technologies advance, the markets and incentives change, and the associated policies are refined. As the number of potential QFs that engage DEF increase, additional planning, forecasting, screening techniques and QF business practices will need to evolve and escalate. In addition, more in depth research and analytics will be required to support interconnections, good faith QF purchased power negotiations, DEF system impacts, and associated contract structures. DEF will monitor the existing QF contracts under development for: construction milestones, financing status, permitting, transmission studies, insurance requirements, and performance security. DEF will continue to prudently administer all executed and in-service QF contracts for compliance.

**Program Fiscal Costs - January 2019 - December 2019:** Costs for this program are projected to be \$1,211,168.

**Program Progress Summary:** DEF has approximately 828 MW under purchase contract from QFs. The total firm capacity from cogeneration facilities is 334 MW and the total firm capacity from renewable facilities is 117 MW. Approximately 67 MW of renewables are delivering energy to the Company under DEF's COG-1, as-available contract and 310 MW of Qualified renewables are under development. Finally, DEF currently has over 5,700 MW of distributed energy resources and renewables in its State Pre-Application, State Application, and FERC jurisdictional generation interconnection queues that represent an intention to interconnect inside DEF's Balancing Authority.

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 4  
PARTY: FLORIDA POWER & LIGHT  
COMPANY (FPL) - (DIRECT)  
DESCRIPTION: R. B. Deaton AS-1

FLORIDA POWER & LIGHT COMPANY  
 ENERGY CONSERVATION COST RECOVERY  
 FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-1

JANUARY 2017 THROUGH DECEMBER 2017

	Total
1. Actual End of Period True-Up ( CT-3, Page 9, Lines 7 and 8)	
2. Principal	\$14,193,924
3. Interest	<u>\$242,902</u>
Total Actual End of Period True-Up	<u>\$14,436,826</u>
4. Less Actual/Estimated True-Up	
5. Principal	\$5,585,563
6. Interest	<u>\$213,862</u>
Total Actual/Estimated True-Up <sup>(1)</sup>	<u>\$5,799,425</u>
7. Final Net True-Up	<u>\$8,637,401</u>

<sup>(1)</sup> Approved per Order No. PSC- 2017-0434-FOF-EG issued November 14, 2017

Note: ( ) Reflects Underrecovery  
 Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-4

1. RESIDENTIAL HOME ENERGY SURVEY	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$39,115	\$37,773	\$114,171	\$64,263	\$37,292	(\$6,080)	\$62,578	(\$66,784)	\$31,763	\$322,646	\$636,737
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412
4. Depreciation Expense <sup>(a)</sup>		\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$105,082
5. Cumulative Investment (Line 3)	525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412
6. Less: Accumulated Depreciation	337,139	\$345,896	\$354,653	\$363,410	\$372,167	\$380,923	\$389,680	\$398,437	\$407,194	\$415,951	\$424,708	\$433,465	\$442,221	
7. CWIP Balance Eligible for Return		\$0	\$0	\$39,115	\$76,888	\$191,059	\$255,322	\$292,614	\$286,534	\$349,113	\$282,329	\$314,091	\$636,737	
8. Net Investment (Line 5-6+7)	188,273	\$179,516	\$170,759	\$201,117	\$230,133	\$335,547	\$391,053	\$419,589	\$404,752	\$458,574	\$383,032	\$406,038	\$719,927	
9. Average Net Investment		\$183,894	\$175,137	\$185,938	\$215,625	\$282,840	\$363,300	\$405,321	\$412,170	\$431,663	\$420,803	\$394,535	\$562,983	
10. Return on Average Net Investment														
a. Equity Component		\$736	\$701	\$744	\$863	\$1,132	\$1,453	\$1,630	\$1,657	\$1,736	\$1,692	\$1,586	\$2,264	\$16,193
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$1,198	\$1,141	\$1,211	\$1,404	\$1,842	\$2,366	\$2,653	\$2,698	\$2,826	\$2,755	\$2,583	\$3,685	\$26,362
c. Debt Component <sup>(c)</sup>		\$214	\$204	\$217	\$251	\$330	\$423	\$453	\$461	\$483	\$470	\$441	\$629	\$4,576
11. Total Return Requirements (Line 10b + 10c)		\$1,412	\$1,345	\$1,428	\$1,656	\$2,172	\$2,790	\$3,106	\$3,159	\$3,308	\$3,225	\$3,024	\$4,315	\$30,938
12. Total Depreciation & Return (Line 4 + 11)		\$10,169	\$10,102	\$10,185	\$10,413	\$10,929	\$11,546	\$11,863	\$11,916	\$12,065	\$11,982	\$11,781	\$13,071	\$136,021

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY  
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3. RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		5,949	756,903	139,655	270,525	(319,597)	(38,707)	81,292	(34,069)	90,406	339,235	172,420	(339,963)	\$1,124,049
2. Investment (Net of Retirements)		(2,724,580)	813,919	451,234	825,868	1,007,570	832,929	917,672	905,573	4,175	1,156,001	80,985	807,073	\$5,078,417
3. Depreciation Base		27,511,031	28,324,950	28,776,183	29,602,051	30,609,621	31,442,549	32,360,222	33,265,795	33,269,970	34,425,971	34,506,956	35,314,028	
4. Depreciation Expense <sup>(a)</sup>		\$484,062	\$468,139	\$478,682	\$489,325	\$504,604	\$519,941	\$534,529	\$549,723	\$557,304	\$566,972	\$577,281	\$584,681	\$6,315,244
5. Cumulative Investment (Line 3)	\$30,235,611	\$27,511,031	\$28,324,950	\$28,776,183	\$29,602,051	\$30,609,621	\$31,442,549	\$32,360,222	\$33,265,795	\$33,269,970	\$34,425,971	\$34,506,956	\$35,314,028	
6. Less: Accumulated Depreciation	\$11,673,803	\$9,287,522	\$9,755,533	\$10,164,184	\$10,653,509	\$11,117,583	\$11,637,572	\$12,161,059	\$12,637,875	\$13,149,320	\$13,639,927	\$14,040,365	\$14,596,210	
7. CWIP Balance Eligible for Return		\$5,949	\$762,852	\$902,507	\$1,173,032	\$853,435	\$814,728	\$896,020	\$861,951	\$952,357	\$1,291,593	\$1,464,012	\$1,124,049	
8. Net Investment (Line 5-6+7)	\$18,561,808	\$18,229,458	\$19,332,269	\$19,514,507	\$20,121,574	\$20,345,472	\$20,619,706	\$21,095,183	\$21,489,871	\$21,073,007	\$22,077,636	\$21,930,603	\$21,841,867	
9. Average Net Investment		\$18,395,633	\$18,780,864	\$19,423,388	\$19,818,040	\$20,233,523	\$20,482,589	\$20,857,444	\$21,292,527	\$21,281,439	\$21,575,322	\$22,004,120	\$21,886,235	
10. Return on Average Net Investment														
a. Equity Component		\$73,597	\$75,138	\$77,709	\$79,288	\$80,950	\$81,947	\$83,866	\$85,615	\$85,571	\$86,752	\$88,476	\$88,002	\$986,912
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$119,816	\$122,326	\$126,511	\$129,081	\$131,787	\$133,409	\$136,533	\$139,382	\$139,309	\$141,233	\$144,040	\$143,268	\$1,606,695
c. Debt Component <sup>(c)</sup>		\$21,436	\$21,885	\$22,634	\$23,094	\$23,578	\$23,868	\$23,314	\$23,801	\$23,788	\$24,117	\$24,596	\$24,464	\$280,577
11. Total Return Requirements (Line 10b + 10c)		\$141,253	\$144,211	\$149,145	\$152,175	\$155,365	\$157,278	\$159,848	\$163,182	\$163,097	\$165,350	\$168,636	\$167,732	\$1,887,272
12. Total Depreciation & Return (Line 4 + 11)		\$625,314	\$612,350	\$627,827	\$641,500	\$659,969	\$677,219	\$694,377	\$712,905	\$720,402	\$732,322	\$745,917	\$752,414	\$8,202,516

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding

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7. BUSINESS ON CALL	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$293	\$37,329	\$6,887	\$13,342	(\$15,762)	(\$1,909)	\$4,009	(\$1,680)	\$4,459	\$16,730	\$8,503	(\$16,766)	\$55,436
2. Investment (Net of Retirements)		(\$134,371)	\$40,141	\$22,254	\$40,730	\$49,691	\$41,078	\$45,258	\$44,661	\$206	\$57,012	\$3,994	\$39,803	\$250,457
3. Depreciation Base		\$1,535,566	\$1,575,707	\$1,597,961	\$1,638,691	\$1,688,383	\$1,729,461	\$1,774,719	\$1,819,380	\$1,819,585	\$1,876,597	\$1,880,591	\$1,920,394	
4. Depreciation Expense <sup>(a)</sup>		\$23,873	\$23,088	\$23,608	\$24,132	\$24,886	\$25,642	\$26,362	\$27,111	\$27,485	\$27,962	\$28,470	\$28,835	\$311,455
5. Cumulative Investment (Line 3)	\$1,669,937	\$1,535,566	\$1,575,707	\$1,597,961	\$1,638,691	\$1,688,383	\$1,729,461	\$1,774,719	\$1,819,380	\$1,819,585	\$1,876,597	\$1,880,591	\$1,920,394	
6. Less: Accumulated Depreciation	\$656,018	\$538,332	\$561,413	\$581,567	\$605,699	\$628,587	\$654,231	\$680,049	\$703,564	\$728,788	\$752,983	\$772,732	\$800,145	
7. CWIP Balance Eligible for Return		\$293	\$37,622	\$44,510	\$57,852	\$42,090	\$40,181	\$44,190	\$42,510	\$46,968	\$63,699	\$72,202	\$55,436	
8. Net Investment (Line 5-6+7)	\$1,013,919	\$997,528	\$1,051,916	\$1,060,904	\$1,090,843	\$1,101,886	\$1,115,410	\$1,138,860	\$1,158,325	\$1,137,766	\$1,187,312	\$1,180,061	\$1,175,685	
9. Average Net Investment		\$1,005,724	\$1,024,722	\$1,056,410	\$1,075,874	\$1,096,364	\$1,108,648	\$1,127,135	\$1,148,592	\$1,148,046	\$1,162,539	\$1,183,687	\$1,177,873	
10. Return on Average Net Investment														
a. Equity Component		\$4,024	\$4,100	\$4,226	\$4,304	\$4,386	\$4,435	\$4,532	\$4,618	\$4,616	\$4,674	\$4,759	\$4,736	\$53,413
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$6,551	\$6,674	\$6,881	\$7,007	\$7,141	\$7,221	\$7,378	\$7,519	\$7,515	\$7,610	\$7,748	\$7,710	\$86,956
c. Debt Component <sup>(c)</sup>		\$1,172	\$1,194	\$1,231	\$1,254	\$1,278	\$1,292	\$1,260	\$1,284	\$1,283	\$1,299	\$1,323	\$1,317	\$15,187
11. Total Return Requirements (Line 10b + 10c)		\$7,723	\$7,868	\$8,112	\$8,261	\$8,419	\$8,513	\$8,638	\$8,803	\$8,798	\$8,910	\$9,072	\$9,027	\$102,143
12. Total Depreciation & Return (Line 4 + 11)		\$31,595	\$30,956	\$31,719	\$32,394	\$33,305	\$34,155	\$35,000	\$35,914	\$36,284	\$36,871	\$37,542	\$37,862	\$413,598

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding



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12. BUSINESS ENERGY EVALUATION	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$2,530	\$2,238	\$3,114	\$12,021	\$9,666	\$60,249	(\$31,161)	\$172,285	\$109,729	\$440,745	\$781,415
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Depreciation Expense <sup>(a)</sup>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Cumulative Investment (Line 3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. CWIP Balance Eligible for Return		\$0	\$0	\$2,530	\$4,768	\$7,882	\$19,903	\$29,569	\$89,818	\$58,657	\$230,942	\$340,671	\$781,415	
8. Net Investment (Line 5-6+7)		\$0	\$0	\$2,530	\$4,768	\$7,882	\$19,903	\$29,569	\$89,818	\$58,657	\$230,942	\$340,671	\$781,415	
9. Average Net Investment		\$0	\$0	\$1,265	\$3,649	\$6,325	\$13,893	\$24,736	\$59,693	\$74,237	\$144,800	\$285,807	\$561,043	
10. Return on Average Net Investment														
a. Equity Component		\$0	\$0	\$5	\$15	\$25	\$56	\$99	\$240	\$299	\$582	\$1,149	\$2,256	
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$0	\$0	\$8	\$24	\$41	\$90	\$162	\$391	\$486	\$948	\$1,871	\$3,673	\$7,694
c. Debt Component <sup>(c)</sup>		\$0	\$0	\$1	\$4	\$7	\$16	\$28	\$67	\$83	\$162	\$319	\$627	\$1,315
11. Total Return Requirements (Line 10b + 10c)		\$0	\$0	\$10	\$28	\$49	\$107	\$190	\$457	\$569	\$1,110	\$2,190	\$4,300	\$9,009
12. Total Depreciation & Return (Line 4 + 11)		\$0	\$0	\$10	\$28	\$49	\$107	\$190	\$457	\$569	\$1,110	\$2,190	\$4,300	\$9,009

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding

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16. COMMON EXPENSES	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	(\$981,679)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$378,901)	(\$1,360,580)
3. Depreciation Base		\$5,497,764	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,137,184	
4. Depreciation Expense <sup>(a)</sup>		\$83,449	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$75,268	\$72,111	\$63,259	\$896,231
5. Cumulative Investment (Line 3)	\$5,497,764	\$5,497,764	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,516,085	\$4,137,184	
6. Less: Accumulated Depreciation	\$2,889,462	\$2,972,911	\$2,066,500	\$2,141,768	\$2,217,036	\$2,292,304	\$2,367,572	\$2,442,840	\$2,518,108	\$2,593,376	\$2,668,644	\$2,740,755	\$2,425,113	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$2,608,302	\$2,524,853	\$2,449,585	\$2,374,317	\$2,299,049	\$2,223,781	\$2,148,513	\$2,073,245	\$1,997,977	\$1,922,709	\$1,847,441	\$1,775,330	\$1,712,071	
9. Average Net Investment		\$2,566,578	\$2,487,219	\$2,411,951	\$2,336,683	\$2,261,415	\$2,186,147	\$2,110,879	\$2,035,611	\$1,960,343	\$1,885,075	\$1,811,385	\$1,743,701	
10. Return on Average Net Investment														
a. Equity Component		\$10,268	\$9,951	\$9,650	\$9,349	\$9,047	\$8,746	\$8,488	\$8,185	\$7,882	\$7,580	\$7,283	\$7,011	\$103,441
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$16,717	\$16,200	\$15,710	\$15,220	\$14,729	\$14,239	\$13,818	\$13,325	\$12,832	\$12,340	\$11,857	\$11,414	\$168,402
c. Debt Component <sup>(c)</sup>		\$2,991	\$2,898	\$2,811	\$2,723	\$2,635	\$2,548	\$2,360	\$2,275	\$2,191	\$2,107	\$2,025	\$1,949	\$29,513
11. Total Return Requirements (Line 10b + 10c)		\$19,708	\$19,098	\$18,520	\$17,942	\$17,365	\$16,787	\$16,177	\$15,601	\$15,024	\$14,447	\$13,882	\$13,363	\$197,914
12. Total Depreciation & Return (Line 4 + 11)		\$103,156	\$94,366	\$93,789	\$93,211	\$92,633	\$92,055	\$91,446	\$90,869	\$90,292	\$89,715	\$89,993	\$76,622	\$1,094,145

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding

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17. BUSINESS PHOTOVOLTAIC FOR SCHOOL PILOT	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$1,420	(\$1,420)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$9,185,108	\$9,185,108	\$9,186,528	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108
4. Depreciation Expense <sup>(a)</sup>		\$153,085	\$153,085	\$153,097	\$153,097	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$1,837,045
5. Cumulative Investment (Line 3)		\$9,185,108	\$9,185,108	\$9,186,528	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108
6. Less: Accumulated Depreciation		\$4,221,526	\$4,374,611	\$4,527,697	\$4,680,793	\$4,833,890	\$4,986,976	\$5,140,061	\$5,293,146	\$5,446,231	\$5,599,316	\$5,752,401	\$5,905,486	\$6,058,572
7. CWIP Balance Eligible for Return		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)		\$4,963,582	\$4,810,497	\$4,657,412	\$4,505,735	\$4,351,218	\$4,198,133	\$4,045,048	\$3,891,963	\$3,738,877	\$3,585,792	\$3,432,707	\$3,279,622	\$3,126,537
9. Average Net Investment		\$4,887,040	\$4,733,954	\$4,581,573	\$4,428,476	\$4,274,675	\$4,121,590	\$3,968,505	\$3,815,420	\$3,662,335	\$3,509,250	\$3,356,165	\$3,203,079	
10. Return on Average Net Investment														
a. Equity Component		\$19,552	\$18,940	\$18,330	\$17,717	\$17,102	\$16,490	\$15,957	\$15,341	\$14,726	\$14,110	\$13,495	\$12,879	\$194,640
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$31,831	\$30,834	\$29,841	\$28,844	\$27,842	\$26,845	\$25,978	\$24,976	\$23,974	\$22,972	\$21,970	\$20,967	\$316,873
c. Debt Component <sup>(c)</sup>		\$5,695	\$5,516	\$5,339	\$5,161	\$4,981	\$4,803	\$4,436	\$4,265	\$4,094	\$3,923	\$3,752	\$3,580	\$55,544
11. Total Return Requirements (Line 10b + 10c)		\$37,526	\$36,350	\$35,180	\$34,005	\$32,824	\$31,648	\$30,414	\$29,241	\$28,068	\$26,894	\$25,721	\$24,548	\$372,418
12. Total Depreciation & Return (Line 4 + 11)		\$190,611	\$189,435	\$188,277	\$187,102	\$185,909	\$184,733	\$183,499	\$182,326	\$181,153	\$179,979	\$178,806	\$177,633	\$2,209,463

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding

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FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-4

18. SOLAR PILOT COMMON EXPENSES	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	(\$1,746,648)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,746,648)
3. Depreciation Base		\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Depreciation Expense <sup>(a)</sup>		\$29,111	\$29,111	\$29,111	\$14,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$101,888
5. Cumulative Investment (Line 3)		\$1,746,648	\$1,746,648	\$1,746,648	\$1,746,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Less: Accumulated Depreciation		\$1,644,760	\$1,673,871	\$1,702,982	\$1,732,093	\$1,746,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. CWIP Balance Eligible for Return		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)		\$101,888	\$72,777	\$43,666	\$14,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Average Net Investment		\$87,332	\$58,222	\$29,111	\$7,278	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10. Return on Average Net Investment														
a. Equity Component		\$349	\$233	\$116	\$29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$728
b. Equity Component grossed up for taxes (Line 10a / 0.61425) <sup>(b)</sup>		\$569	\$379	\$190	\$47	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,185
c. Debt Component <sup>(c)</sup>		\$102	\$68	\$34	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212
11. Total Return Requirements (Line 10b + 10c)		\$671	\$447	\$224	\$56	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,397
12. Total Depreciation & Return (Line 4 + 11)		\$29,781	\$29,558	\$29,334	\$14,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,285

<sup>(a)</sup> Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Gross-up factor for taxes uses 0.61425, which reflects the Federal Income Tax Rate of 35%. The monthly Equity Component for the Jan. - Jun. 2017 actual period is 4.8009% based on FPSC Order No. PSC-12-0425-PAA-EU and reflects a 10.55% return on equity, and the monthly Equity Component for the Jul. - Dec. 2017 period is 4.8251% based on the May 2017 ROR Surveillance Report and reflects a 10.55% return on equity, per FPSC Order No. PSC-2016-0560-AS-EI.

<sup>(c)</sup> The Debt Component for the Jan. - Jun. 2017 actual period is 1.3984% based on rate case Order No. PSC-12-0425-PAA-EU, and the Debt Component for the Jul. - Dec. 2017 period is 1.3413% based on the May 2017 ROR Surveillance Report and reflects a 10.55% ROE, per FPSC Order No. PSC-12-0425-PAA-EI.

Note : Totals may not add due to rounding

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 5  
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) - (DIRECT)  
DESCRIPTION: R. B. Deaton/A. Sharma AS-1

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-2

JANUARY 2017 THROUGH DECEMBER 2017			
ACTUAL V. ACTUAL/ESTIMATED FOR THE PERIOD	Actual	Actual/Estimated (1)	Difference
1 Depreciation & Return	\$12,168,036	\$12,589,586	(\$421,551)
2 Payroll & Benefits	\$16,864,113	\$18,202,374	(\$1,338,261)
3 Materials & Supplies	\$258,942	(\$1,156,812)	\$1,415,755
4 Outside Services	\$8,740,999	\$9,625,521	(\$884,522)
5 Advertising	\$8,618,371	\$9,007,076	(\$388,705)
6 Rebates	\$105,545,666	\$112,154,022	(\$6,608,356)
7 Vehicles	\$423,732	\$449,328	(\$25,596)
8 Other	\$2,296,736	\$2,484,123	(\$187,387)
9 Total Adjusted Program Costs	<u>\$154,916,595</u>	<u>\$163,355,217</u>	<u>(\$8,438,622)</u>
10 ECCR Revenues (Net of Revenue Taxes)	\$150,896,964	\$150,727,228	\$169,736
11 Prior Period True-Up (Collected)/Refunded this Period	\$18,213,555	\$18,213,555	\$0
12 Revenues Applicable to the Period (Line 10 + Line 11)	<u>\$169,110,519</u>	<u>\$168,940,783</u>	<u>\$169,736</u>
13 True-Up Provision (Under)/Over Recovery - Current Period (Line 12-Line 9)	\$14,193,924	\$5,585,563	\$8,608,361
14 Interest Provision (Under)/Over Recovery - Current Period	\$242,902	\$213,862	\$29,040
15 True-Up and Interest Provision (Under)/Over Recovery - Beginning of Period	\$18,213,555	\$18,213,555	\$0
16 Deferred True-Up from Prior Period	\$7,866,571	\$7,866,571	\$0
17 Prior Period True-Up (Collected)/Refunded this Period	(\$18,213,555)	(\$18,213,555)	\$0
18 End of Period True-Up Amount (Under)/Over Recovery	<u>\$22,303,396</u>	<u>\$13,665,996</u>	<u>\$8,637,401</u>

(1) Approved per Order No. PSC-2017-0434-FOF-EG issued November 14, 2017

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-2

Line No.	CONSERVATION PROGRAMS	JANUARY 2017 THROUGH DECEMBER 2017								TOTAL PROGRAM EXPENSES
		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	
1	Residential Home Energy Survey	\$136,021	\$3,676,206	\$19,923	\$2,507,563	\$5,948,050	\$0	\$369,420	\$315,954	\$12,973,137
2	Residential Ceiling Insulation	\$0	\$156,063	\$41	\$38,287	\$0	\$632,320	\$0	\$9,908	\$836,619
3	Residential Load Management ("ON CALL")	\$8,202,516	\$296,123	\$222,348	\$4,077,394	\$0	\$35,356,303	\$7,843	\$592,525	\$48,755,052
4	Residential Air Conditioning	\$0	\$666,681	\$1,602	\$139,861	\$0	\$3,988,350	\$0	\$21,280	\$4,817,773
5	Residential New Construction (BuildSmart®)	\$0	\$410,451	\$134	\$85,022	\$0	\$15,025	\$0	\$41,478	\$552,109
6	Residential Low income	\$0	\$250,690	\$3,848	\$41,160	\$0	\$107,703	\$0	\$71,874	\$475,275
7	Business On Call	\$413,598	\$4,942	\$20	\$74,917	\$0	\$3,144,122	\$0	\$116,818	\$3,754,417
8	Cogeneration & small Power Production	\$0	\$456,819	(\$763)	\$0	\$0	\$0	\$0	(\$229,806)	\$226,250
9	Business Lighting	\$0	\$143,987	\$0	\$42,277	\$0	\$332,682	\$0	\$9,379	\$528,325
10	Commercial/Industrial Load Control	\$0	\$178,899	\$703	\$15,220	\$0	\$39,868,251	\$0	\$31,368	\$40,094,441
11	Commercial/Industrial Demand Reduction	\$0	\$231,416	\$79	\$7,920	\$0	\$19,785,745	\$0	\$47,576	\$20,072,736
12	Business Energy Evaluation	\$9,009	\$4,119,410	\$2,856	\$927,935	\$2,670,321	\$0	\$18,903	\$205,641	\$7,954,073
13	Business Heating, Ventilating & A/C	\$0	\$430,942	\$0	\$133,115	\$0	\$2,006,263	\$0	\$28,765	\$2,599,085
14	Business Custom Incentive	\$0	\$35,381	\$27	\$0	\$0	\$308,903	\$0	\$2,219	\$346,531
15	Conservation Research and Development	\$0	\$9,615	\$0	\$86,550	\$0	\$0	\$0	\$20,385	\$116,551
16	Common Expenses	\$1,094,145	\$5,796,487	\$8,125	\$563,779	\$0	\$0	\$27,565	\$1,011,372	\$8,501,473
17	Business Photovoltaic for School Pilot	\$2,209,463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,209,463
18	Solar Pilot Project Common Expenses	\$103,285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,285
19	Total	\$12,168,036	\$16,864,113	\$258,942	\$8,740,999	\$8,618,371	\$105,545,666	\$423,732	\$2,296,737	\$154,916,595

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-2

Line No.	CONSERVATION PROGRAMS	JANUARY 2017 THROUGH DECEMBER 2017								TOTAL PROGRAM EXPENSES
		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	
1	Residential Home Energy Survey	(\$8,485)	\$55,988	\$17,594	\$363,342	(\$351,326)	\$0	(\$13,538)	(\$100,628)	(\$37,053)
2	Residential Ceiling Insulation	\$0	(\$40,491)	\$41	(\$406)	\$0	(\$106,291)	\$0	(\$6,899)	(\$154,045)
3	Residential Load Management ("ON CALL")	(\$382,262)	(\$863,751)	\$1,261,445	(\$871,783)	\$0	(\$420,296)	(\$865)	\$5,943	(\$1,271,569)
4	Residential air conditioning	\$0	\$33,211	\$1,589	(\$28,108)	\$0	(\$510,600)	\$0	(\$17,117)	(\$521,024)
5	Residential New Construction (BuildSmart®)	\$0	\$24,176	\$134	(\$12,679)	\$0	(\$7,600)	\$0	(\$1,082)	\$2,948
6	Residential Low income	\$0	\$2,987	\$614	(\$5,205)	\$0	(\$193,621)	\$0	(\$25,359)	(\$220,583)
7	Business On Call	(\$14,324)	(\$50,486)	\$146,020	(\$28,619)	\$0	(\$220,537)	(\$132)	\$90,339	(\$77,739)
8	Cogeneration & small Power Production	\$0	(\$23,595)	\$0	(\$750)	\$0	\$0	\$0	(\$44,479)	(\$68,824)
9	Business Lighting	\$0	(\$38,041)	\$0	(\$190)	\$0	(\$30,666)	\$0	(\$344)	(\$69,241)
10	Commercial/Industrial Load Control	\$0	(\$2,356)	(\$1,754)	(\$11,296)	\$0	(\$1,557,371)	(\$17)	(\$11,108)	(\$1,583,903)
11	Commercial/Industrial Demand Reduction	\$0	\$20,797	(\$3,563)	(\$20,669)	\$0	(\$1,801,863)	(\$17)	(\$11,816)	(\$1,817,132)
12	Business Energy Evaluation	(\$16,481)	(\$337,427)	(\$9,274)	\$120,279	(\$37,378)	\$0	(\$9,146)	(\$54,892)	(\$344,320)
13	Business Heating, Ventilating & A/C	\$0	(\$40,561)	\$0	\$279	\$0	(\$1,592,781)	\$0	(\$12,355)	(\$1,645,418)
14	Business Custom Incentive	\$0	(\$30,603)	\$0	\$0	\$0	(\$166,730)	\$0	(\$1,864)	(\$199,196)
15	Conservation Research and Development	\$0	(\$11,294)	\$0	(\$37,626)	\$0	\$0	\$0	\$0	(\$48,920)
16	Common Expenses	\$0	(\$36,816)	\$2,909	(\$351,091)	\$0	\$0	(\$1,879)	\$4,274	(\$382,603)
17	Business Photovoltaic for School Pilot	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)
18	Solar Pilot Project Common Expenses	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)
19	Total	(\$421,551)	(\$1,338,261)	\$1,415,755	(\$884,522)	(\$388,705)	(\$6,608,356)	(\$25,596)	(\$187,387)	(\$8,438,622)

Totals may not add due to rounding.



FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

SCHEDULE CT-2

Energy Conservation Cost Recovery (ECCR) Account Numbers  
For the Period: January through December 2017

Program Title	Account
1. Residential Home Energy Survey	408172
	907100
	908110
	909101
	910100
	925112
2. Residential Ceiling Insulation	926211
	408172
	908110
	910100
	925112
	926211
3. Residential Air Conditioning	408172
	907100
	908110
	910100
	925112
	926211
4. Residential New Construction (BuildSmart®)	408172
	908110
	925112
	926211
5. Residential Low Income	408172
	907100
	908110
	910100
	925112
	926211
6. Residential Load Management ("On Call")	408100
	408172
	582000
	587200
	592800
	598140
	907100
	908110
	910100
	925103
	925112
	926000
	926211
7. Business Energy Evaluation	408172
	907100
	908110
	909101
	910100
	925112
8. Business Lighting	926211
	408172
	908110
	925112
9. Business HVAC	926211
	408172
	908110
	925112
	926211

Energy Conservation Cost Recovery (ECCR) Account Numbers  
For the Period: January through December 2017

Program Title	Account
10. Business Custom Incentive	408172
	908110
	925112
11. Business On Call	926211
	408172
	587200
12. Commercial/Industrial Load Control	908110
	910100
	925112
13. CI Demand Reduction	926211
	408172
	908110
14. Cogeneration & Small Power Production	910100
	925112
	926211
15. Conservation Research & Development	408172
	908110
	925112
16. Common Expenses	926211
	408172
	907100
	908110
	910100
	925112
	926211

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

Line No.	CONSERVATION PROGRAMS	JANUARY 2017 THROUGH DECEMBER 2017												
		January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1	RESIDENTIAL HOME ENERGY SURVEY	\$631,663	\$528,655	\$504,133	\$425,443	\$455,769	\$1,080,646	\$2,301,955	\$2,161,106	\$1,371,276	\$2,094,526	\$712,579	\$705,387	\$12,973,137
2	RESIDENTIAL CEILING INSULATION	\$41,841	\$51,620	\$55,638	\$64,348	\$86,080	\$113,751	\$81,465	\$103,815	\$90,638	\$42,480	\$59,268	\$55,676	\$836,619
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$3,564,729	\$3,249,611	\$3,346,484	\$4,664,936	\$4,459,449	\$4,495,416	\$4,432,570	\$4,755,666	\$4,655,534	\$4,554,715	\$3,266,031	\$3,307,911	\$48,755,052
4	RESIDENTIAL AIR CONDITIONING	\$289,479	\$265,755	\$352,716	\$370,531	\$477,855	\$530,461	\$444,487	\$545,419	\$315,799	\$515,188	\$365,384	\$344,699	\$4,817,773
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$43,190	\$47,049	\$54,696	\$50,326	\$51,060	\$48,118	\$37,622	\$62,553	\$27,985	\$46,445	\$40,297	\$41,770	\$552,109
6	RESIDENTIAL LOW INCOME	\$44,613	\$43,215	\$48,560	\$88,588	\$64,391	\$47,607	\$14,992	\$18,272	\$5,171	\$26,368	\$38,786	\$34,712	\$475,275
7	BUSINESS ON CALL	\$40,149	\$45,748	\$42,244	\$504,940	\$500,813	\$494,282	\$500,542	\$583,802	\$500,020	\$446,201	\$45,113	\$50,563	\$3,754,417
8	COGENERATION & SMALL POWER PRODUCTION	\$26,668	\$16,639	\$24,643	\$18,108	\$23,695	\$21,192	\$15,188	\$16,143	\$12,734	\$18,437	\$15,659	\$16,944	\$226,250
9	BUSINESS LIGHTING	\$124,454	\$72,478	\$55,809	\$29,880	\$66,401	\$40,284	\$29,906	\$29,774	\$16,567	\$22,858	\$24,920	\$14,994	\$528,325
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$3,190,462	\$2,337,092	\$2,483,517	\$2,654,569	\$3,386,924	\$5,777,407	\$2,830,865	\$3,065,831	\$2,820,791	\$3,412,607	\$2,594,532	\$5,539,844	\$40,094,441
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$1,432,096	\$1,397,998	\$1,424,527	\$1,540,345	\$1,749,948	\$1,867,226	\$1,904,008	\$1,948,288	\$1,855,426	\$1,812,580	\$1,616,393	\$1,523,901	\$20,072,736
12	BUSINESS ENERGY EVALUATION	\$478,209	\$477,623	\$471,960	\$396,543	\$442,900	\$572,307	\$780,530	\$930,101	\$1,290,326	\$716,884	\$458,496	\$938,195	\$7,964,074
13	BUSINESS HEATING, VENTILATING & A/C	\$135,692	\$764,763	\$145,748	\$133,833	\$230,478	\$211,241	\$143,601	\$349,888	\$156,675	\$97,308	\$43,646	\$186,212	\$2,599,085
14	BUSINESS CUSTOM INCENTIVE	\$95,523	\$193,953	\$23,929	\$4,727	\$3,881	\$3,905	\$2,899	\$3,045	\$941	\$11,108	\$659	\$1,961	\$346,531
15	CONSERVATION RESEARCH & DEVELOPMENT	\$3,168	\$2,399	\$3,186	\$37,948	\$20,204	\$0	\$20,000	\$0	\$0	\$0	\$31,744	(\$2,099)	\$116,551
16	COMMON EXPENSES	\$664,408	\$790,130	\$750,589	\$646,291	\$752,702	\$695,918	\$670,691	\$710,435	\$551,723	\$690,973	\$702,595	\$875,016	\$8,501,473
17	BUSINESS PHOTOVOLTAIC FOR SCHOOL PILOT	\$190,611	\$189,435	\$188,277	\$187,102	\$185,909	\$184,733	\$183,499	\$182,326	\$181,153	\$179,979	\$178,806	\$177,633	\$2,209,463
18	SOLAR PILOT COMMON EXPENSES	\$29,781	\$29,558	\$29,334	\$14,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,285
19	TOTAL	\$11,026,734	\$10,503,923	\$10,005,989	\$11,833,071	\$12,958,458	\$16,185,493	\$14,394,821	\$15,466,463	\$13,842,758	\$14,688,659	\$10,196,909	\$13,813,318	\$154,916,595

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

JANUARY 2017 THROUGH DECEMBER 2017

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
<b>CONSERVATION PROGRAM REVENUES</b>													
1. Residential Load Control Credit	\$11,463,704	\$10,155,930	\$10,572,566	\$11,508,556	\$12,826,528	\$13,983,695	\$14,753,061	\$14,778,840	\$14,403,584	\$13,662,606	\$11,655,600	\$11,122,295	\$150,896,964
2. Conservation Clause Revenues (Net of Revenue Taxes)	\$11,463,704	\$10,155,930	\$10,572,566	\$11,508,556	\$12,826,528	\$13,983,695	\$14,753,061	\$14,778,840	\$14,403,584	\$13,662,606	\$11,655,600	\$11,122,295	\$150,896,964
3. Total Revenues	\$11,463,704	\$10,155,930	\$10,572,566	\$11,508,556	\$12,826,528	\$13,983,695	\$14,753,061	\$14,778,840	\$14,403,584	\$13,662,606	\$11,655,600	\$11,122,295	\$150,896,964
4. Adjustment Not Applicable To Period - Prior True-up	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$1,517,796	\$18,213,555
5. Conservation Revenues Applicable To Period (Line 3+4)	\$12,981,500	\$11,673,726	\$12,090,362	\$13,026,352	\$14,344,324	\$15,511,491	\$16,270,857	\$16,296,637	\$15,921,380	\$15,180,402	\$13,173,396	\$12,640,091	\$169,110,519
6. Conservation Expenses (CT-3 Page 8, Line 19)	\$11,026,734	\$10,503,923	\$10,005,989	\$11,833,071	\$12,958,458	\$16,185,483	\$14,394,821	\$15,466,463	\$13,842,758	\$14,688,659	\$10,196,909	\$13,813,318	\$154,916,595
7. True-up This Period (Line 5 - Line 6)	\$1,954,765	\$1,169,803	\$2,084,373	\$1,193,282	\$1,385,866	(\$674,002)	\$1,876,036	\$830,174	\$2,078,622	\$491,743	\$2,976,487	(\$1,173,227)	\$14,193,924
8. Interest Provision For The Month (From CT-3, Page 10, Line 10)	\$15,998	\$15,156	\$17,435	\$19,967	\$19,920	\$21,376	\$22,345	\$22,013	\$18,044	\$18,683	\$24,112	\$27,853	\$242,902
9. True-up & Interest Provision Beginning of Month	\$18,213,555	\$18,666,522	\$18,333,686	\$18,917,698	\$18,613,150	\$18,501,140	\$16,330,718	\$16,711,303	\$16,045,693	\$16,624,563	\$15,617,193	\$17,099,996	\$18,213,555
9a. Deferred True-up Beginning of Period	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571	\$7,866,571
10. Prior True-up Collected/(Retained)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$1,517,796)	(\$18,213,555)
(Line 7+8+9a+10)	\$26,533,093	\$26,200,257	\$26,784,268	\$26,479,720	\$26,367,711	\$24,197,288	\$24,577,873	\$23,912,264	\$24,491,133	\$23,483,763	\$24,966,567	\$22,303,396	\$22,303,396

Note: Totals may not add due to rounding.  
( ) Reflects under-recovery

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

JANUARY 2017 THROUGH DECEMBER 2017

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
<b>INTEREST PROVISION</b>													
1. Beginning True-Up Amount ( Page 9, Line 9 + 9a)	\$26,080,125	\$26,533,093	\$26,200,257	\$26,784,288	\$26,479,720	\$26,367,711	\$24,197,288	\$24,577,873	\$23,912,264	\$24,491,133	\$23,483,763	\$24,966,567	\$304,074,062
2. Ending True-Up Amount Before Interest (Page 9, Line 7 + 9 + 9a + 10)	\$26,517,095	\$26,185,100	\$26,766,833	\$26,459,754	\$26,347,790	\$24,175,912	\$24,555,528	\$23,890,251	\$24,473,089	\$23,465,080	\$24,942,454	\$22,275,543	\$300,054,431
3. Total of Beginning & Ending True-Up (Line 1 + 2)	\$52,597,220	\$52,718,193	\$52,967,090	\$53,244,022	\$52,827,511	\$50,543,623	\$48,752,816	\$48,468,124	\$48,385,353	\$47,956,213	\$48,426,217	\$47,242,110	\$604,128,492
4. Average True-Up Amount (50% of Line 3)	\$26,298,610	\$26,359,096	\$26,483,545	\$26,622,011	\$26,413,755	\$25,271,811	\$24,376,408	\$24,234,062	\$24,192,677	\$23,978,107	\$24,213,109	\$23,621,055	\$302,064,246
5. Interest Rate - First Day of Reporting Business Month	0.720000%	0.740000%	0.640000%	0.940000%	0.860000%	0.950000%	1.080000%	1.120000%	1.060000%	0.730000%	1.140000%	1.250000%	N/A
6. Interest Rate - First Day of Subsequent Business Month	0.740000%	0.640000%	0.940000%	0.860000%	0.950000%	1.080000%	1.120000%	1.060000%	0.730000%	1.140000%	1.250000%	1.580000%	N/A
7. Total (Line 5 + 6)	1.460000%	1.380000%	1.580000%	1.800000%	1.810000%	2.030000%	2.200000%	2.180000%	1.790000%	1.870000%	2.390000%	2.830000%	N/A
8. Average Interest Rate (50% of Line 7)	0.730000%	0.690000%	0.790000%	0.900000%	0.905000%	1.015000%	1.100000%	1.090000%	0.895000%	0.935000%	1.195000%	1.415000%	N/A
9. Monthly Average Interest Rate (Line 8 / 12)	0.060833%	0.057500%	0.065833%	0.075000%	0.075417%	0.084583%	0.091667%	0.090833%	0.074583%	0.077917%	0.099583%	0.117917%	N/A
10. Interest Provision for the Month (Line 4 x 9)	\$15,998	\$15,156	\$17,435	\$19,967	\$19,920	\$21,376	\$22,345	\$22,013	\$18,044	\$18,683	\$24,112	\$27,853	\$242,902

Note: Totals may not add due to rounding.

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 6  
PARTY: FLORIDA POWER & LIGHT  
COMPANY (FPL) - (DIRECT)  
DESCRIPTION: Anita Sharma AS-1

Reconciliation and Explanation of  
Differences between Filing and FPSC Audit  
Report for the Months: January – December 2017

The Audit has not been completed as of the date of this filing

### **FPL DSM Program & Pilot Descriptions**

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

**1. Residential Home Energy Survey**

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

**2. Residential Ceiling Insulation**

This program encourages customers to improve the home's thermal efficiency.

**3. Residential Load Management (On-Call)**

This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

**4. Residential Air-Conditioning**

This program encourages customers to install high-efficiency central air-conditioning systems.

**5. Residential New Construction (BuildSmart®)**

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

**6. Residential Low Income**

This program assists low income customers through state Weatherization Assistance Provider (WAP) agencies and FPL-conducted Energy Retrofits.

**7. Business On Call**

This program allows FPL to turn off customers' direct expansion central air-conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

**8. Cogeneration and Small Power Production**

This program facilitates the interconnection and administration of contracts for co-generators and small power producers.

**9. Business Lighting**

This program encourages customers to install high-efficiency lighting systems.

**10. Commercial/Industrial Load Control**

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.

**11. Commercial/Industrial Demand Reduction**

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies.



**FPL DSM Program & Pilot Descriptions (cont'd)**

**12. Business Energy Evaluation**

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

**13. Business Heating, Ventilating & AC**

This program encourages customers to install high-efficiency HVAC systems.

**14. Business Custom Incentive**

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

**15. Conservation Research & Development**

This project consists of research studies designed to: identify new energy efficient technologies; evaluate and quantify their impacts on energy, demand and customers; and where appropriate and cost-effective, incorporate an emerging technology into a DSM program.

**16. Common Expenses**

For administrative efficiency this includes all costs that are not specifically attributable to a particular program.

**17. Business Photovoltaic for Schools Pilot**

Under this pilot, FPL installed photovoltaic (PV) systems and provided supporting educational training and materials for selected schools in most public school districts in FPL's territory to demonstrate and educate students on the practical issues of PV. This pilot was discontinued on December 31, 2015. There will be capital depreciation and return costs for this pilot until 2021 when ownership of the last PV systems is transferred to their respective customers.

**18. Solar Pilot Projects Common Expenses**

For administrative efficiency, this included all costs that were not specifically attributable to a particular solar pilot. Costs are for residual capital depreciation and return associated with computer systems which supported the discontinued solar pilots.

Florida Power & Light Company  
Program Progress  
January through December 2017

Line No.	Conservation Programs	Accomplishments		2017 Cost & Variance v. Actual/Estimate <sup>1</sup>
		2017	Inception through December 2017	
1	Residential Home Energy Survey	Participants = 111,618	Participants = 3,914,583	Total = \$12,973,137 Variance= (\$37,053)
2	Residential Ceiling Insulation	Participants = 3,600	Participants = 575,718	Total = \$836,619 Variance= (\$154,045)
3	Residential Load Management ("On Call")	Participants = 7,226	Participants = 751,023	Total = \$48,755,052 Variance= (\$1,271,569)
4	Residential Air Conditioning	Participants = 26,590	Participants = 1,927,005	Total = \$4,817,773 Variance= (\$521,024)
5	Residential New Construction (BuildSmart®)	Participants = 2,648	Participants = 44,014	Total = \$552,109 Variance= \$2,948
6	Residential Low Income	Participants = 2,376	Participants = 12,391	Total = \$475,275 Variance= (\$220,583)
7	Business On Call	kW = 1,480	kW = 79	Total = \$3,754,417 Variance= (\$77,739)
8	Cogeneration & Small Power Production	Firm MW = 444 GWh Purchased = 1,069 Firm = 4 ; As Available = 9	MW Under Contract = 444 MW Committed = 444	Total = \$226,250 Variance= (\$68,824)
9	Business Lighting	kW = 4,646	Participants = 296,207	Total = \$528,325 Variance= (\$69,241)
10	Commercial/Industrial Load Control	Closed to new participants	MW = 459	Total = \$40,094,441 Variance= (\$1,583,903)
11	Commercial/Industrial Demand Reduction	kW= 23,209	MW = 277	Total = \$20,072,736 Variance= (\$1,817,132)
12	Business Energy Evaluation	Participants = 11,514	Participants = 238,999	Total = \$7,954,074 Variance= (\$344,320)
13	Business Heating, Ventilating & AC	kW = 4,858	kW = 408,631	Total = \$2,599,085 Variance= (\$1,645,418)
14	Business Custom Incentive	kW = 1,600	kW = 54,182	Total = \$346,531 Variance= (\$199,196)
15	Conservation Research & Development	Not Applicable	Not Applicable	Total = \$116,551 Variance= (\$48,920)
16	Common Expenses	Not Applicable	Not Applicable	Total = \$8,501,473 Variance= (\$382,603)
17	Business Photovoltaic for Schools Pilot	Not Applicable	Not Applicable	Total = \$2,209,463 Variance= \$0
18	Solar Pilot Projects Common Expenses	Not Applicable	Not Applicable	Total = \$103,285 Variance= \$0

Notes: (1) Variance where actuals less than Actual/Estimate shown with ( )  
kW and MW reduction are at the generator

Business Custom Incentive Cost Effectiveness Test Results

Customer	Rate Impact Test (RIM)	Total Resource Center Test (TRC)	Participant Test
1	2.75	3.98	1.70
2	1.09	1.44	1.53
3	1.56	1.93	1.42
4	1.26	3.74	3.45
5	1.25	3.69	3.36
6	1.40	2.09	1.71
7	1.44	1.98	1.58
8	1.92	3.18	1.88
9	1.19	3.47	3.32
10	1.42	2.76	2.24
11	1.01	1.06	1.23
12	1.22	1.95	1.83

**Customers that no longer participate on FPL's Commercial/Industrial Load Control (CILC) and  
Commercial/Industrial Demand Reduction Rates (January through December 2017)**

<b><u>Customer Name</u></b>	<b><u>Effective Date</u></b>	<b><u>Prior Rate</u></b>	<b><u>Firm Rate</u></b>	<b><u>Remarks</u></b>
Customer No. 1	12/31/2017	CILC	Not Applicable	Account Final Billed
Customer No. 2	10/2/2017	CDR	Not Applicable	Account Final Billed
Customer No. 3	5/13/2017	CDR	Not Applicable	Account Final Billed
Customer No. 4	5/12/2017	CDR	Not Applicable	Account Final Billed
Customer No. 5	5/11/2017	CDR	Not Applicable	Account Final Billed
Customer No. 6	2/28/2017	CDR	Not Applicable	Account Final Billed

## **Conservation Research & Development (CRD) Program**

### **CO<sub>2</sub> Heat Pump Water Heater Study**

This project evaluated the readiness of CO<sub>2</sub> Heat Pump Water Heater technology which has been newly introduced in the United States. The tests were performed to measure demand and energy impacts in an environmental chamber using air and ground water temperature for Florida.

### **Precision Temperature Monitor Testing**

This project is developing and evaluating the performance of precision temperature monitors (PTM) in homes along with data analysis services. The PTM is designed to measure changes in home temperature to determine building performance and other issues that affect a home's energy consumption. The analysis included performance indicators for the building envelope, assessment of thermostat behavior and air conditioning sizing and apparent operational performance. The first proof-of-concept test using a prototype was completed in April, 2017 and various design improvements were identified. FPL continues to work with the manufacturer and this development effort will continue in 2018.

### **Load Management Software and Hardware Evaluations**

This project built on the 2016 findings from evaluating the potential benefits of implementing software and/or hardware upgrades for FPL's Residential Load Management program. The software was successfully tested in 2017 and demonstrated significant improvements in testing cycles of existing load control devices and is scheduled to be fully implemented in 2018. The evaluation of the new software in combination with a new generation of load control equipment was rescheduled to 2018 to allow for the installation of new network communication devices necessary with the new software.

### **Electric Power Research Institute Technology Subscription**

This Electric Power Research Institute (EPRI) research project provides the participating utilities with a readiness assessment of technologies in various stages of development and enables comparisons among them. This ongoing project includes technologies evaluated by multiple EPRI programs such as the Technology Innovation Program and the Collaborative End-Use Energy Efficiency and Demand Response Research Program. Participation allows FPL to cost-efficiently gain access to this information by leveraging co-funding with other utilities.

## **APPENDIX A**



See how you can save

## **Residential**

\$300 annual residential customer savings based on the following:

- Replace four 60-Watt standard light bulbs that you use four hours a day with LED bulbs
  - Save \$29 a year
- Replace one 60-Watt standard light bulb that you leave on 12 hours a night for security with an LED bulb
  - Save \$22 a year
- Replace old showerheads with water-efficient models to cut your hot water usage
  - Save \$80 a year in a home with two occupants
- Reduce your water heater temperature by 20 degrees – lower the temperature from 140 degrees to 120 degrees
  - Save about \$10 a year
- Turn the fan off when leaving a room – savings based on stopping one ceiling fan from running all the time
  - Save about \$85 a year
- Use cold water instead of hot water when using your washing machine
  - Save \$30 a year
- Use a power strip to turn off your desktop computer and accessories when not in use

- Save \$24 a year
- Install a smart thermostat
  - Save \$50 a year on your cooling costs
- Enroll in our On Call® Program (</save/programs/on-call.html>)
  - Save up to \$137 a year

## **Business**

\$500 annual business customer savings based on the following:

- \$397 per year, attributed to an average business customer with a 10 ton A/C, replacing a 10 EER with a 12 EER unit, with the unit operating 3,869 hours per year
- \$140 per year, attributed to an average business customer enrolled in the Business On Call® program with a 10 ton A/C unit at \$2 per ton per month savings for seven months (April - October)



CLIENT	FPL	DATE	
PROJECT	ECCR	JOB NUMBER	
LENGTH	:30s & :15s		

**SMART HOME :30**

Technology is making the things around us smarter than ever before.  
 It's making our day-to-day easier.  
 And now, what powers those things is smart, too.  
 With the smart technology behind FPL's online energy dashboard...  
 ...you can keep track of your energy use.  
 And when you take the free Online Home Energy Survey, you'll see where you're using the most energy, and find smart, new ways to save up to \$250 a year.  
 Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and learn how to make your bill even lower.

**SMART HOME :15**

Smart technology is everywhere...  
 ...and now, what powers that technology is smart, too.  
 With FPL's smart tools, like the Online Home Energy Survey, you can discover new ways to save up to \$250 a year!  
 Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave)!

**SMART FAMILY :30**

Smart technology can help you make the most of family time.  
 It can bring you together in bold new ways.  
 And help create unforgettable moments.  
 And now, the energy that powers smart technology is smart, too.  
 With FPL's online energy dashboard, you can view your energy use over time...  
 ...and check how changes in temperature affect your bill.  
 And with the free Online Home Energy Survey, you'll find new ways to save up to \$250 a year.  
 Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and start today!

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Smart technology is all around us.  
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 With FPL's smart tools you can check how changes in temperature affect your bill and discover new ways to save.  
 Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and make your bill even lower!

**SWEEPS TV :30**

How can saving energy with FPL's smart tools...  
 ...give you the chance to win big AND bigger?  
 With FPL's Smart Home Energy Sweepstakes...  
 ...you'll be entered to win BIG weekly prizes...  
 ...that can help you save energy and make your bill even lower—  
 —PLUS the chance to win an even BIGGER \$5,000 Smart Home Energy Makeover!  
 With so many chances to win, do the smart thing, go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave)...  
 ...and just click.  
 ...YOU could be our next BIG winner!

CLIENT	FPL	DATE	
PROJECT	ECCR	JOB NUMBER	
LENGTH	:30s & :15s		

**SMART HOME :30**

La tecnología hace que las cosas sean más inteligentes que nunca, haciendo nuestro día a día más fácil.  
 Y ahora, lo que le da energía a todas esas cosas también es inteligente.  
 Con la tecnología inteligente detrás de tu panel online de energía de FPL, puedes ver cuanta energía usas.  
 Y al tomar el Estudio Online Residencial, podrás ver cuáles son las cosas que usan más energía y descubrir nuevas formas de ahorrar.  
 ¡Empieza hoy!

**SMART HOME :15**

Hoy día, a tecnología hace que las cosas sean más inteligentes.  
 Y ahora, con la tecnología inteligente detrás del Estudio Online Residencial de FPL, descubre cómo ahorrar hasta \$250 al año.  
 Visita [FPL.com/Ahorros](http://FPL.com/Ahorros)

**SMART FAMILY :30**

La tecnología inteligente te ayuda disfrutar más tu tiempo en familia.  
 Te puede acercar de nuevas maneras y ayudarte a crear recuerdos inolvidables.  
 Y ahora, lo que le da energía a todas esas cosas inteligentes, también es inteligente.  
 Con el panel online de energía de FPL, puedes ver tu uso de energía, y entender como los cambios en temperatura afectan tu cuenta.  
 Y con el Estudio Online Residencial descubrirás nuevas formas de ahorrar.  
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**SMART FAMILY :15**

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**SWEEPS TV :30 - SPA**

Las herramientas inteligentes de FPL te ayudan a ahorrar energía...  
 ...y ahora te dan la oportunidad de ganar en grande. ¡MUY grande!  
 Con el Sorteo de Tecnología Inteligente de FPL...  
 ...puedes ganar GRANDES premios semanales...  
 ...que te ayudan a ahorrar energía para que tu cuenta sea aún más baja—  
 ¡ADEMÁS, la oportunidad de ganar una renovación de tecnología inteligente para el hogar, valorada en \$5,000 dolares!  
 Visita [FPL.com/Ahorros](http://FPL.com/Ahorros)...  
 ...y con un clic...  
 ¡TU puedes ser el próximo en ganar en GRANDE!

CLIENT	FPL	DATE	
PROJECT	ECCR	JOB NUMBER	
LENGTH	:30s & :15s		

**SMART HOME :30**

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**SMART HOME :15**

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 With FPL's smart tools you can check how changes in temperature affect your bill and discover new ways to save.  
 Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and make your bill even lower!

**SPONSORSHIP TAG :10**

Now, the energy that powers your favorite smart gadgets, is smart too. Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to see how to save up to \$250 a year on your energy bill.

**SPONSORSHIP TAG :05**

Find smart savings for your energy bill at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).



CLIENT	FPL	DATE	
PROJECT	ECCR	JOB NUMBER	
LENGTH	:30s & :15s		

**SMART HOME :30**

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**SMART HOME :15**

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**SMART FAMILY :15**

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Visita [FPL.com/Ahorros](http://FPL.com/Ahorros).

**SPONSORSHIP TAG :10 SPA**

Ahora, lo que le da energía a la tecnología inteligente también es inteligente y te puede ayudar a ahorrar hasta \$250 al año. Vista [FPL.com](http://FPL.com) diagonal Ahorros.

**SPONSORSHIP TAG :05 SPA**

Descubre consejos inteligentes para bajar tu cuenta en [FPL.com](http://FPL.com) diagonal Ahorros.

CLIENT	FPL	DATE	
PROJECT	ECCR	JOB NUMBER	
LENGTH	:30s & :15s		

**SPONSORSHIP TAG :05**

Descubre consejos inteligentes para bajar tu cuenta en [FPL.com/Ahorros](http://FPL.com/Ahorros).

**SPONSORSHIP TAG :10**

Ahora, lo que le da energía a la tecnología inteligente también es inteligente y te puede ayudar a ahorrar hasta \$250 al año. Visita [FPL.com/Ahorros](http://FPL.com/Ahorros).

**SMART HOME :15**

Hoy día, la tecnología hace que las cosas sean más inteligentes.

Y ahora, con la tecnología inteligente detrás del Estudio Online Residencial de FPL, descubre cómo ahorrar hasta \$250 al año.

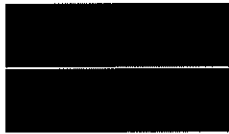
Visita [FPL.com/Ahorros](http://FPL.com/Ahorros).

**SMART FAMILY :15**

La tecnología inteligente está en todas partes.

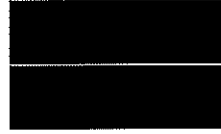
Y ahora con las herramientas inteligentes de FPL, como el Estudio Online Residencial, verás cómo los cambios de temperatura afectan tu cuenta y como puedes ahorrar.

Visita [FPL.com/Ahorros](http://FPL.com/Ahorros).



FPL

ECCR / Sweeps



July 6, 2017

:30 & :15

**RCS :10 Radio**

Floridians everywhere are turning into energy experts with the Online Home Energy Survey!  
Learn how you could save up to \$300 a year at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).

**RCS :05 Radio**

Take the FPL Online Home Energy Survey at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).

**RCS :10 RADIO SPA**

La gente de la Florida se están convirtiendo en expertos de energía.  
Aprende cómo puedes ahorrar hasta \$300 al año en [FPL.com](http://FPL.com) diagonal Ahorros.

**RCS :05 RADIO SPA**

Toma el Estudio Online Residencial hoy en [FPL.com](http://FPL.com) diagonal Ahorros.

██████████ FPL  
 ██████████ ECCR / Sweeps

██████████ July 6, 2017  
 ██████████ :30 & :15

**RCS :30 Radio**

Floridians everywhere are turning into energy experts with new smart tools from FPL. With your online energy dashboard and the new FPL mobile app, you can stay on top of your energy use, anytime, anywhere. And with the new Projected Bill feature... you have time to learn how to save even more! Take the Online Home Energy Survey at [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and you could save up to \$300 a year.

**RCS :15 Radio**

Floridians everywhere are turning into energy experts with new smart tools from FPL and the Online Home Energy Survey! Learn how you could save up to \$300 a year at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).

TV & RADIO SCRIPT |

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CLIENT	FPL
PROJECT	ECCR / Sweeps SPA

DATE	July 11, 2017
LENGTH	:30, :15, :10 & :05

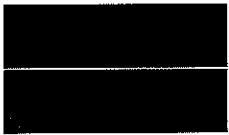
**RCS :30 RADIO**

La gente de la Florida se están convirtiendo en expertos de energía con las nuevas herramientas inteligentes de FPL. Con tu panel personal de energía y la nueva app de FPL, puedes revisar tu uso de energía, cuando sea y donde sea. Y hasta poder estimar tu cuenta...  
...para aprender como ahorrar aún más!  
Toma el Estudio Online Residencial en FPL.com diagonal Ahorros y puedes ahorrar hasta \$300 al año.

**RCS :15 RADIO**

La gente de la Florida se están convirtiendo en expertos de energía con las nuevas herramientas inteligentes de FPL y el Estudio Online Residencial.  
Aprende cómo puedes ahorrar hasta \$300 al año en FPL.com diagonal Ahorros





FPL

ECCR / Sweeps



July 6, 2017

:30

**RCS 1: NEIGHBORS TV :30**

Floridians everywhere are turning into energy experts with new smart tools from FPL.

Now, you can stay on top of your energy use, anytime, anywhere.

You can even see what your bill will be...

...so you have time if you need to do something about it.

Like take the Online Home Energy Survey to learn how to save up to \$300 a year.

See what everyone is talking about and take the survey today at [FPL.com/EasyToSave!](http://FPL.com/EasyToSave)

**RCS: NEIGHBORS TV :15 V1**

Floridians everywhere are turning into energy experts with new smart tools from FPL.

Now, you can stay on top of your energy use, anytime, anywhere.

And take Online Home Energy Survey at [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to learn how to save up to \$300 a year.

TV & RADIO SCRIPT |

CLIENT	FPL	DATE	July 11, 2017
PROJECT	ECCR / Sweeps SPA	LENGTH	:30 & :15

**RCS 1: NEIGHBORS :30**

La gente de la Florida se están convirtiendo en expertos de energía con las nuevas herramientas inteligentes de FPL.

Ahora, puedes revisar tu uso de energía, cuando sea y donde sea.

Hasta puedes ver un estimado de tu cuenta...

...y así tienes tiempo para hacer algo al respecto, si es necesario—

—como tomar el Estudio Online Residencial y aprender cómo ahorrar hasta \$300 al año.

¡Completa el estudio hoy en [FPL.com](http://FPL.com) diagonal Ahorros!

**RCS: NEIGHBORS TV :15**

Algo está convirtiendo a personas en todas partes en expertos de energía.

Ahora con FPL, puedes revisar tu uso de energía, cuando sea y donde sea.

Y tomar el Estudio Online Residencial para aprender cómo ahorrar hasta \$300 al año.

CLIENT	FPL	DATE
PROJECT	ECCR	JOB NUMBER
LENGTH	:30s & :15s	

**SMART BUSINESS :30**

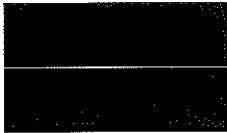
Smart technology is helping businesses bring new ideas to life.  
 It's changing the way we connect with customers.  
 It's helping us develop simple solutions to complex problems.  
 And now, what powers that technology is smart, too.  
 With FPL's new Online Business Energy Dashboard...  
 ... you can see your energy use by the hour, to help you make smart decisions for your business.  
 And with a free Business Energy Evaluation ...  
 ... you can save up to \$500 a year.  
 Schedule yours today!

**SMART BUSINESS :15**

Smart technology is helping businesses bring new ideas to life.  
 And now, with FPL's smart tools...  
 ... like the new Online Business Energy Dashboard and a free Business Energy Evaluation...  
 ... you'll find smart, new ways to save up to \$500 a year.  
 Schedule yours today!

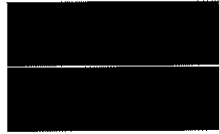
# TV & RADIO SCRIPTS |

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FPL

ECCR / Sweeps



July 6, 2017

:30

## **Sweeps TV :30**

VO: There's a new voice that's turning Floridians everywhere into energy experts.

CUSTOMER: Alexa, ask FPL—how can I lower my FPL bill?

ALEXA: Set your air conditioner to 78 degrees.

VO: And now, with the Online Home Energy Survey, you can get your chance to win weekly prizes including the new ecobee4 smart thermostat, with Amazon Alexa—and a ten-thousand-dollar grand prize!

CUSTOMER: Who's the energy saving expert now?

ALEXA: Well, that would be you.

VO: For your chance to win, visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave).

## **BEE TV :30**

There's something smart helping business owners become energy-saving experts.

Now, you can see how your energy use changes over time...

... and with the new FPL mobile app, you can view your projected bill before it's due...

...and then go online to find new ways to save...

...by scheduling a free, in-person Business Energy Evaluation.

Schedule your evaluation today at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave)...

...and see how our smart tools can help you save up to \$500 a year.

## **BEE TV :15**

There's something smart helping business owners become energy-saving experts.

With FPL smart tools and the new FPL mobile app, you can find new ways to save.

Schedule a free Business Energy Evaluation today...

...to see how you can save up to \$500 a year.

## **BEE TV PBS :30**

There's something smart helping business owners become energy-saving experts.

## TV & RADIO SCRIPTS |

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Now, you can see how your energy use changes over time...

... and with the new FPL mobile app, you can view it anytime, anywhere...





...and then go online to find new ways to save...

...by scheduling an in-person Business Energy Evaluation.

To see how you too can become an energy expert, information is online at  
[FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave)

TV & RADIO SCRIPTS |

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	FPL		July 6, 2017
	ECCR / Sweeps		:30 & :15

**RCS :10 Radio**

Floridians everywhere are turning into energy experts with the Online Home Energy Survey!  
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**RCS :05 Radio**

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**RCS :05 RADIO SPA**

Toma el Estudio Online Residencial hoy en [FPL.com](http://FPL.com) diagonal Ahorros.

**“CFO” :30**

**CFO: *(To camera)* Hey, if you’re gonna win, you gotta be one step ahead of everyone...**

**CFO: So, we use FPL smart tools.**

**CFO: We went to [FPL.com](http://FPL.com) and scheduled a free Business Energy Evaluation with an FPL expert, learned how to save some energy...**

**CFO: ...and we use the free Dashboard to stay on budget.**

**CFO: Now, we use the new FPL mobile app to get our monthly bill projections...And meet our projections.**

**CFO: See that?**

**VO: Go to [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave) and start saving.**

**Dad at Work: (RCS)**

**ECCR: Projected Bill**

- VO: Straight from the lab of our energy experts is FPL's Online Energy Dashboard and with just a tap...it can help turn you into an expert, too.**
- VO: And now our experts can help you see the future...with Projected Bill, a new way to see what your bill will be weeks before it's due, so you can do something about it.**
- VO: Become the energy expert of the future your home needs...**
- VO: ...and discover all the new ways you can save by taking the Online Home Energy Survey at [FPL.com/EasyToSave](http://FPL.com/EasyToSave). It could save you up to \$300 a year.**



**BEE: Donut Shop**

**VO: Our energy experts are busy baking up new ways to help business owners save energy and money...**

**VO: ...and you can become an expert, too, when you use FPL's free smart tools.**

**VO: With FPL's new mobile app, you can even see what your bill will be before it's due, so you have time to make changes.**

**VO: Go online to schedule a free in-person Business Energy Evaluation, and learn new expert ways to save up to \$500 a year.**

**VO: Schedule your free evaluation today at [FPL.com/BizEasytoSave](http://FPL.com/BizEasytoSave).**

**BEE: Guitar Shop (BEE)**

**VO: Relying on expert advice can really help your business' bottom line.**

**VO: With FPL's free smart tools, our energy experts can help you save with just a click.**

**VO: Just click to track your businesses' energy use like an expert.**

**VO: And with the new FPL mobile app, you can even predict if you're headed for a high bill, so you can do something about it—like go online to schedule an in-person Business Energy Evaluation...**

**VO: ...so our experts can help you make saving money a reality.**

**VO: Schedule your evaluation at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave) today!**

**Gym Guy: (RCS)**

**ECCR: Projected Bill**

**VO: Our energy experts are always there for you, with smart tools backed by their expertise...**

**VO: Like with the new projected bill feature on FPL.com or our new mobile app, they're even there for you...from the future.**

**VO: With just a tap, you can see what your bill will be weeks in advance, so you can do something about it—**

**VO: —like find new ways to save energy and money when you take the Online Home Energy Survey at FPL.com/EasyToSave.**

**VO: Just click to find out how to save up to \$300 a year.**

**“HUSBAND”:30 VERSION #2 (RCS)  
RESIDENTIAL**

**WIFE: Hey, I can click online to find ways to save energy and money.**

**HUSBAND: I can do that, with a tap.**

**WIFE: I can click to see our projected bill.**

**HUSBAND: I can tap to see our projected bill.**

**WIFE: I can click on the energy dashboard.**

**HUSBAND: I got that with a tap!**

**WIFE: I can track our spending by just clicking.**

**HUSBAND: Same here — just by tapping.**

**WIFE: Well, I can view our monthly bill and pay it with a click.**

**HUSBAND: Duh, so can I — with a tap.**

**HUSBAND: But does yours work when you're walking the dog?**

**HUSBAND: Gotcha!**

**HUSBAND: Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave), take the Online Home Energy Survey and start saving.**

**“OVERACHIEVER”:30 (BEE)**

**PEER #1: Charley got a raise.**

**PEER #2: Charley?**

**PEER #1: Apparently, he figured out how to save us energy.**

**VO: Tapping on FPL.com is good for business.**

**VO: You can schedule a free Business Energy Evaluation and FPL will send over an expert to help find ways to save energy.**

**Then, use our Dashboard to monitor your budget and our new mobile app to predict your bill.**

**PEER #2: C'mon, the guy never lifts a finger.**

**PEER #1: Hey, maybe he did.**

**TOGETHER: Nah.**

**VO: Click on [FPL.com/BizEasyToSave](https://www.fpl.com/BizEasyToSave).**

**“WOMAN WALKING”:30 (RCS)**  
**RESIDENTIAL**

**WOMAN: I’m on top of things.**

**WOMAN: I am sooo on top of things. And to stay on top of my energy use, I use all my FPL smart tools.**

**WOMAN: I filled out the Survey and got personalized energy saving tips.**

**WOMAN: Then, I check my energy dashboard — online or on the new FPL mobile app — see my Projected Bill to make sure I stay on budget. And by the time I get my email from FPL, BINGO! It’s exactly what I expect.**

**Go to [FPL.com/EasyToSave](https://www.fpl.com/EasyToSave).**

CLIENT

FPL

DATE

October 9, 2017

SPANISH ADAPTATION

Ahorrar energía es su propio premio.

Cuando tomas el Estudio Online  
Residencial...

...puedes ganar premios semanales...

y un premio mayor valorado en  
\$10,000 dólares!

Para tu chance de ganar, visita  
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Become an energy expert using our new, smart tools. [FPL.com/EasyToSave](http://FPL.com/EasyToSave)



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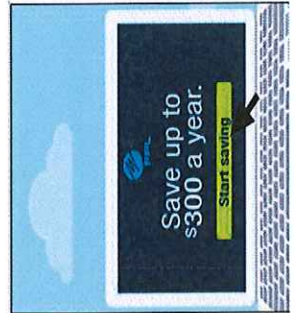
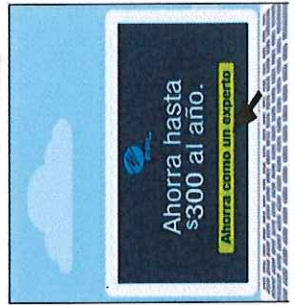
Your neighbors are saving money with FPL's smart tools. Will you be the next expert on your block? <http://spr.ly/61893swN5>

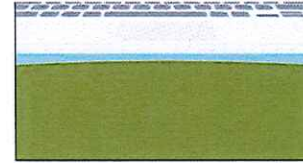
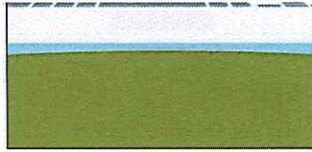
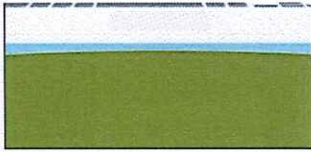


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**SAVE LIKE AN EXPERT**



**SAVE UP TO \$300 A YEAR!**



**START SAVING**




**¡DESCUBRE CÓMO PUEDES AHORRAR HASTA \$300 AL AÑO!**




**APRENDE MÁS Y AHORRA**



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 by Heidi Powers & Lisa
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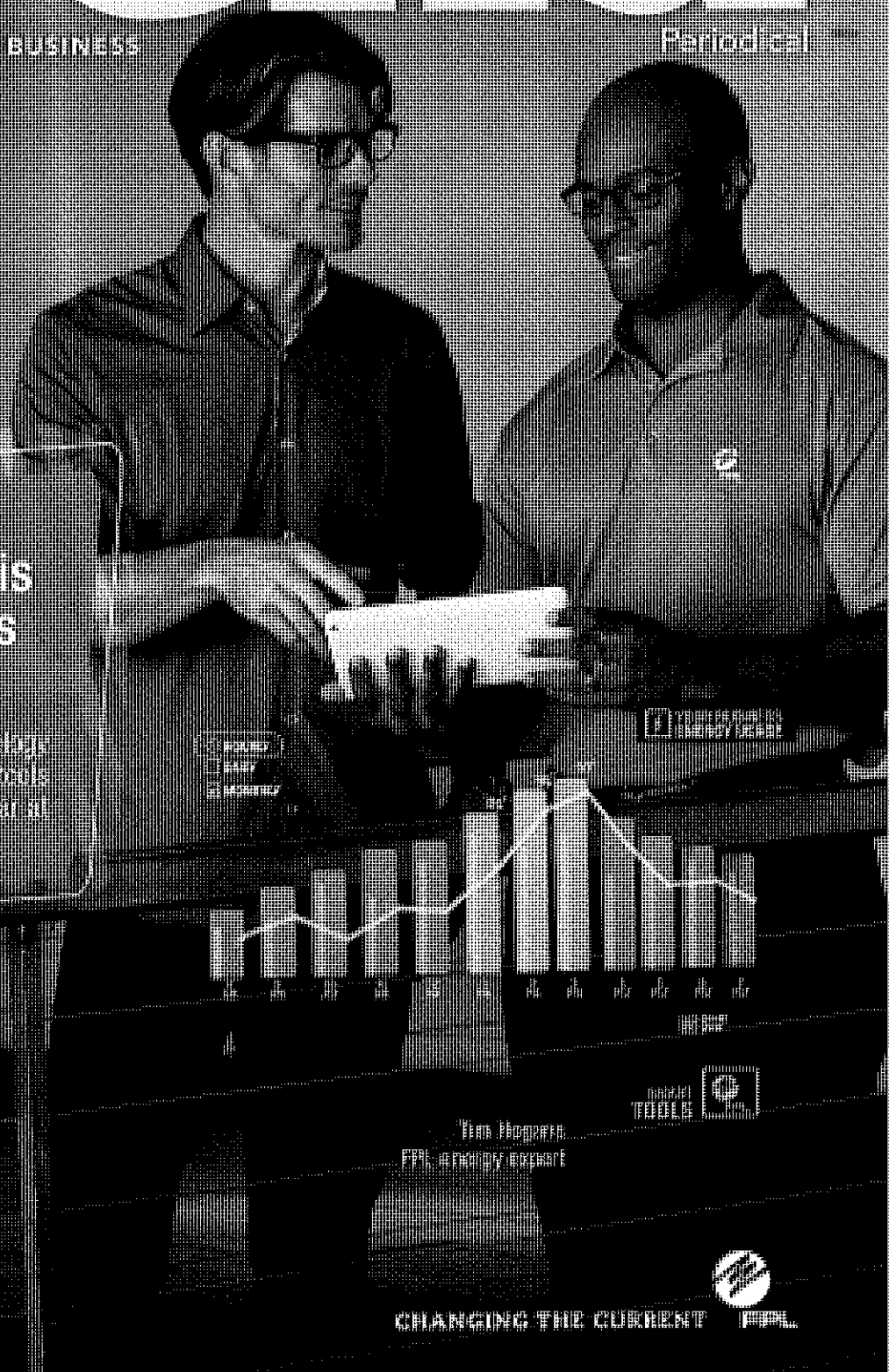
# Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

Periodical

## Smart technology is helping businesses across Florida.

And now, wind power's that technology is smart, too. See how FPL's smart tools can help you save up to \$200 a year at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave).



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 YOUR BUSINESS ENERGY USAGE

HOURLY  
 DAILY  
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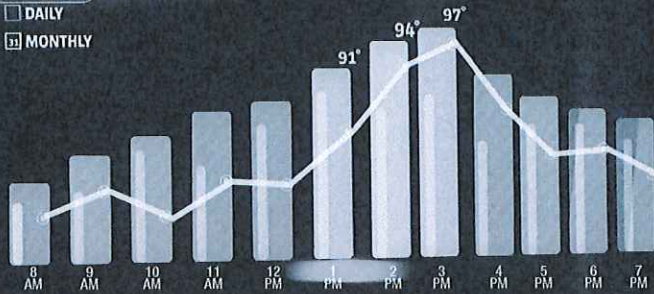


 CHART VIEW

SMART TOOLS 

Tiffany Spence  
FPL energy expert

## Smart tools for even smarter savings.

See how you can save up to \$500 a year.

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Tiffany Spence  
FPL energy expert

- HOURLY
- DAILY
- MONTHLY

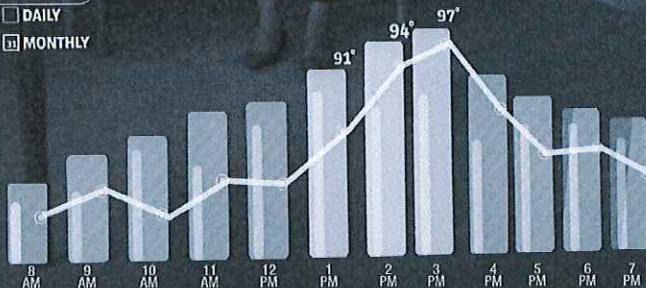


CHART VIEW

YOUR BUSINESS ENERGY USAGE

SMART TOOLS

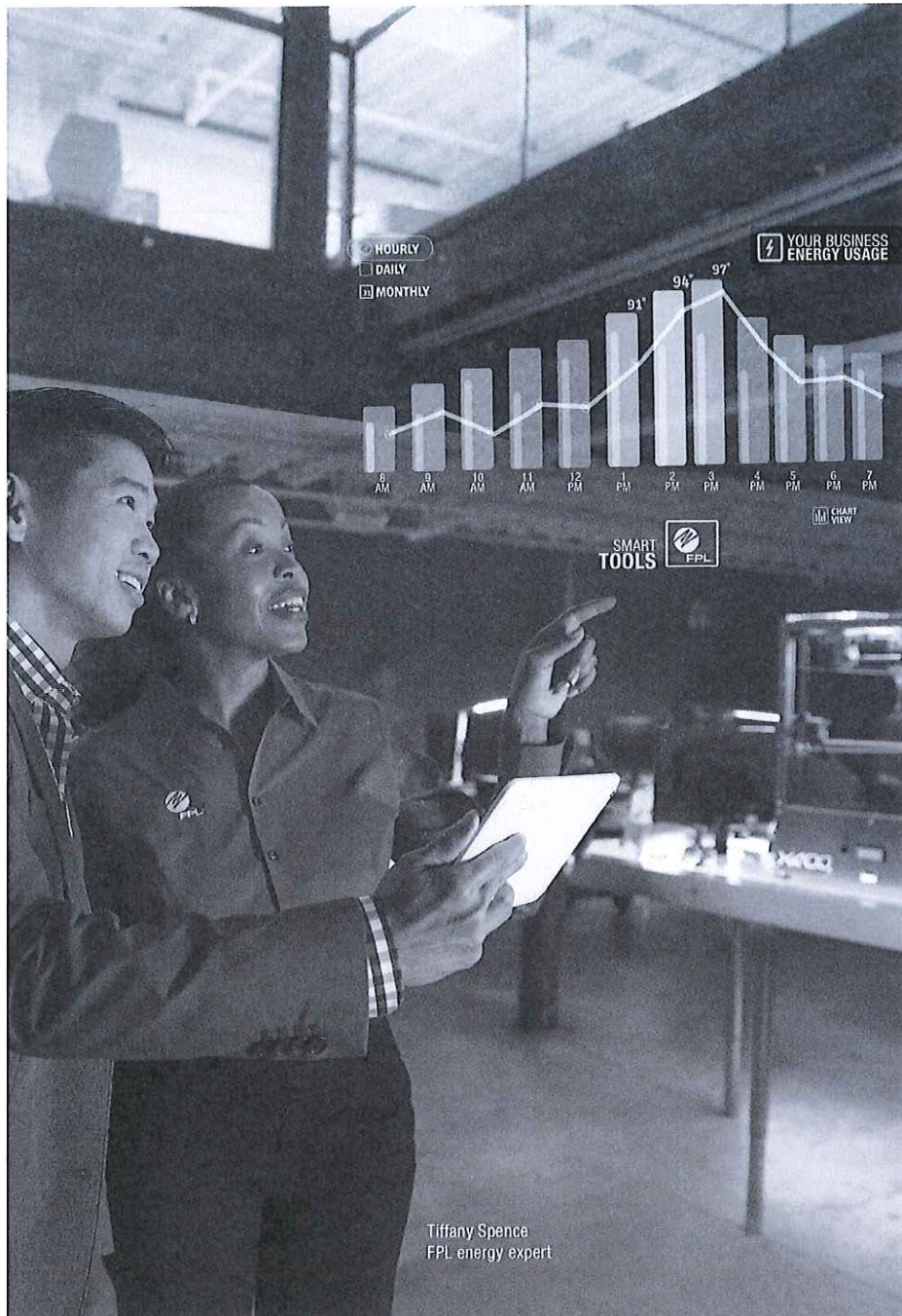


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**YOUR BUSINESS ENERGY USAGE**

- HOURLY
- DAILY
- MONTHLY

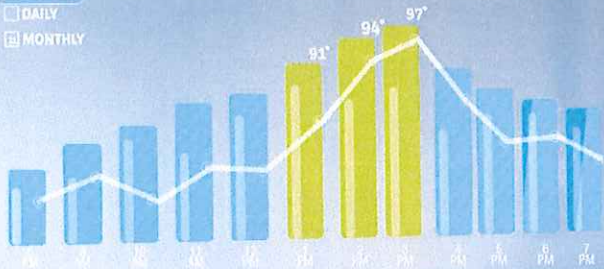


CHART VIEW

SMART TOOLS FPL

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See how you can save up to \$500 a year.

Your FPL Online Business Energy Dashboard can help you find new ways to save, and a free Business Energy Evaluation can help you save even more. View your dashboard and schedule your free evaluation today at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).



CHANGING THE CURRENT FPL



 YOUR BUSINESS ENERGY USAGE

 HOURLY  
 DAILY  
 MONTHLY

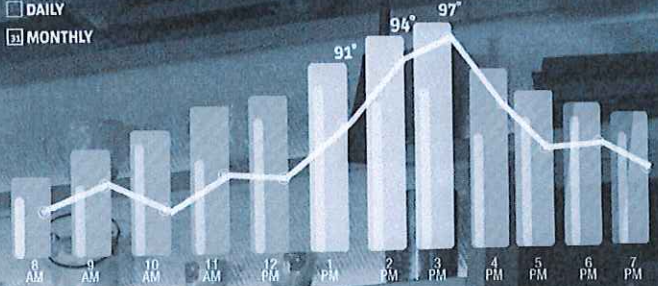


 CHART VIEW

SMART TOOLS 

Kyle Martin  
FPL energy expert

## Let our smart tools help you save energy and money.

FPL can help you save up to \$500 a year on your bill.

With your Online Business Energy Dashboard, and a free Business Energy Evaluation, you'll find smart, new ways to help your business save energy and money. Schedule your free Business Energy Evaluation today at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).



1) 100% POWER

100% POWER  
100% POWER  
100% POWER

100% POWER  
100% POWER

Photo courtesy of  
FPL Energy Report

# Let our smart tools help you save energy and money.

Save up to \$500 a year on your bill.

Smart technology is helping businesses everywhere get ahead. All you need is our Business Energy Dashboard, our FPL Business Energy Evaluation tool and smart technology to save energy and money. So you can get ahead on time at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave).

CHANGING THE CURRENT

# Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

Periodical

Juan Lopez  
FPL energy expert

**FPL's smart tools can help you find new ways to save up to \$500 a year.**

See your business' energy use by the month, day or hour with FPL's Online Business Energy Dashboard and learn how to keep your bill low with a free Business Energy Evaluation. Visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to schedule yours today.



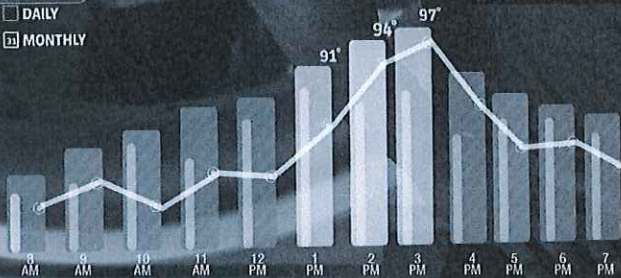
# Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

Periodical

HOURLY  
DAILY  
MONTHLY

YOUR BUSINESS  
ENERGY USAGE



SMART  
TOOLS



CHART  
VIEW

Juan Lopez  
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CHANGING THE CURRENT. FPL





Floridians everywhere  
are turning into  
energy experts.

With the new smart tools from FPL, now you can stay on top of your energy use anytime, anywhere. You can even view your projected bill before it's due - so, if needed, you can do something about it.

Like take the Online Home Energy Survey at [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and learn new ways to save up to

**\$300**  
a year.

WINNING THE CURRENT. FPL

La gente  
de la Florida  
se están  
convirtiendo  
en expertos  
de energía.

Con los planes  
de energía de PPL, ahora puedes  
convertirte en un experto en energía  
y ahorrar dinero y tiempo. Pasa  
unos minutos con un  
asesorador de PPL y podrás  
— y así ahorrar tiempo y  
dinero en tu factura.

Consejo: Siempre llama al  
1-800-368-7777 para  
más información y planes  
de energía.

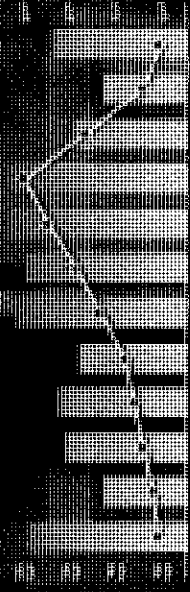
CANBIANDO LA CORRIENTE PPL

\$300

en tu factura



**880 #BeatTheHeat**  
and keep your bill low.



[FPL.com/EasyToSave](http://FPL.com/EasyToSave)



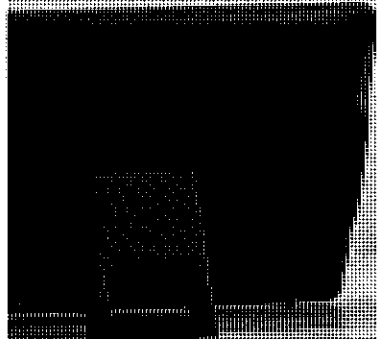
FPL

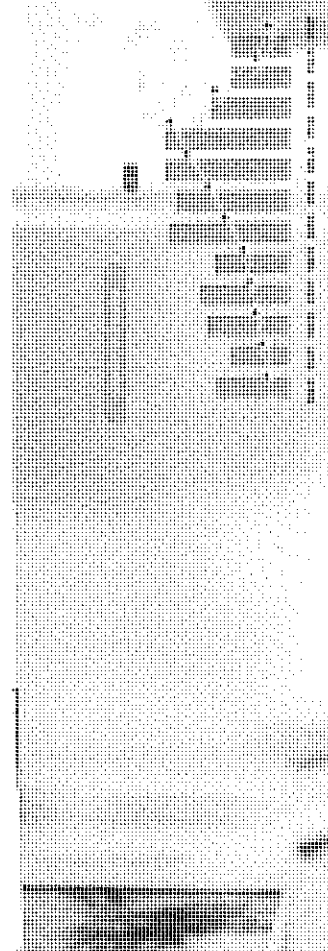




**OUR ENERGY EXPERTS CAN HELP YOU BECOME AN EXPERT, TOO.**

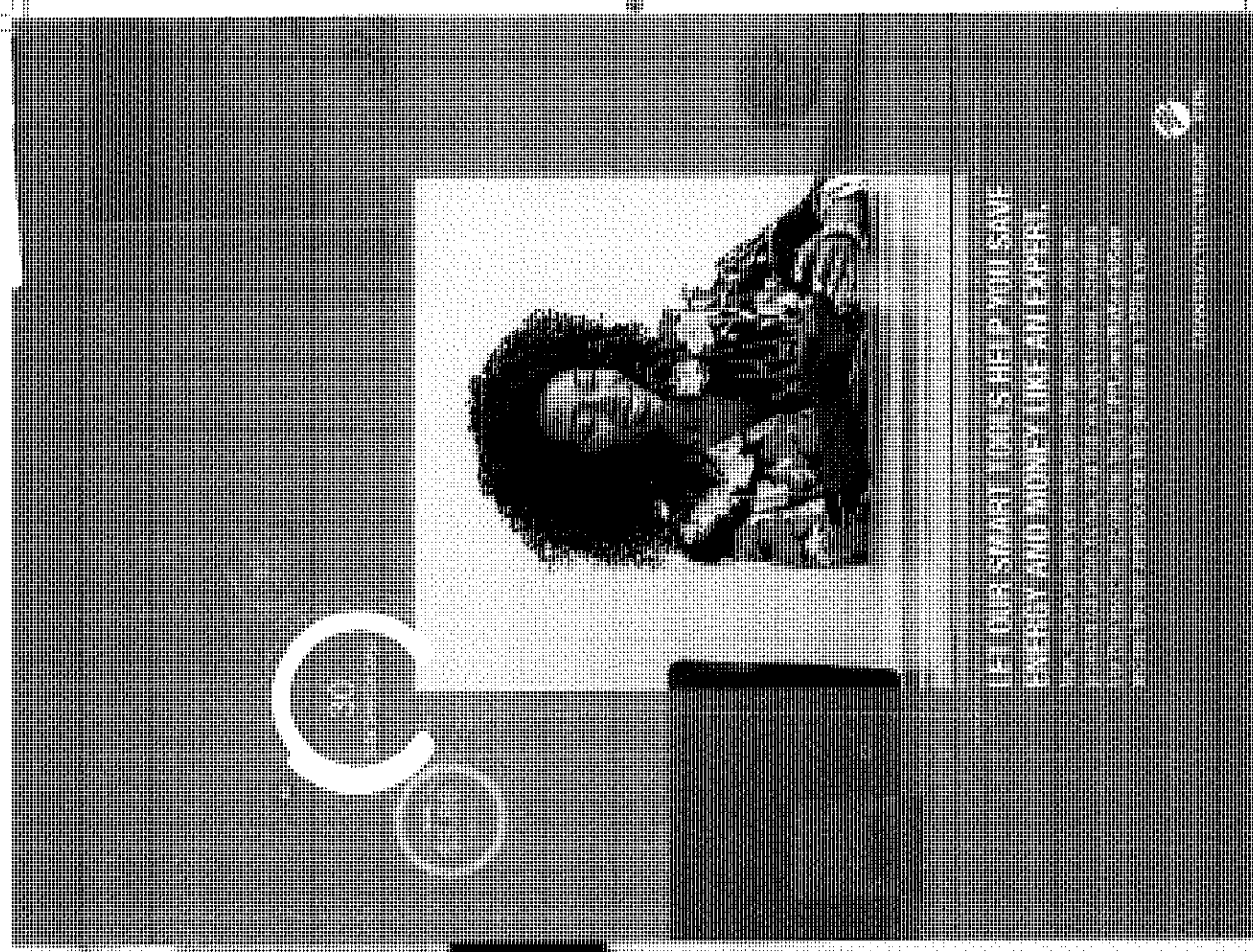
FPL smart tools and a free Business Energy Evaluation can help your business save up to \$200 a year. Schedule your evaluation today at [FPL.com/SmartanyToSave](http://FPL.com/SmartanyToSave).





**BECOME AN ENERGY  
EXPERT WITH FPL  
SMART TOOLS.**

Learn how to save energy, use an expert  
energy tool available in your SmartWay Energy  
Evaluation. It could help you save up to \$200  
a year. Schedule your evaluation today at  
[FPL.com/SmartWayEvaluat](http://FPL.com/SmartWayEvaluat).



**LET BUSINESS INTELLIGENCE HELP YOU SAVE  
POWER AND MONEY LIKE AN EXPERT.**

Learn how to save energy, use an expert energy tool available in your SmartWay Energy Evaluation. It could help you save up to \$200 a year. Schedule your evaluation today at [FPL.com/SmartWayEvaluat](http://FPL.com/SmartWayEvaluat).



# Florida TRENDS

THE BUSINESS OF FLORIDA ENGINEERS



**OUR EXPERTS CAN  
HELP YOU SAVE UP  
TO \$500 A YEAR**

Save up to \$500 a year on your energy bills by taking advantage of the Florida Energy Efficiency Rebate Program. The program offers rebates for energy-efficient lighting, appliances, and HVAC systems. To learn more, visit [www.floridarebate.com](http://www.floridarebate.com).



**FPL IS TURNING  
BUSINESS OWNERS  
ACROSS FLORIDA  
INTO ENERGY EXPERTS.**

For more information, visit [www.fpl.com](http://www.fpl.com).  
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**LET OUR SMART TOOLS HELP YOU SAVE ENERGY AND MONEY.**

Now you can see how your energy use changes over time, view your selected bill preferences and more. And now when it comes to savings, try scheduling a free in-person Business Energy Evaluation, schedule your evaluation today at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave) and see how our smart tools can help you save up to \$500 a year!





# Florida enjoy

OF FLORIDA BUSINESS

Periodical

30

Fast Startups

## BECOME AN ENERGY EXPERT WITH FPL SMART TOOLS.

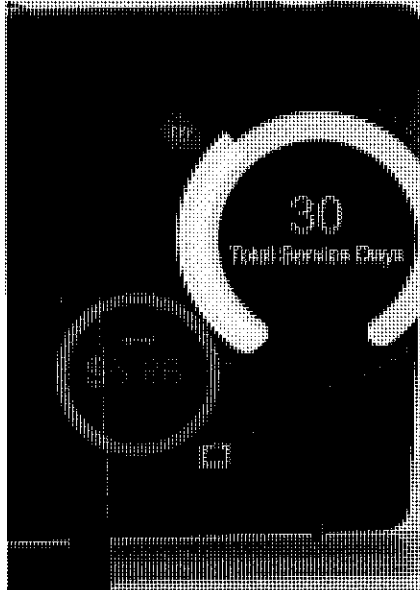
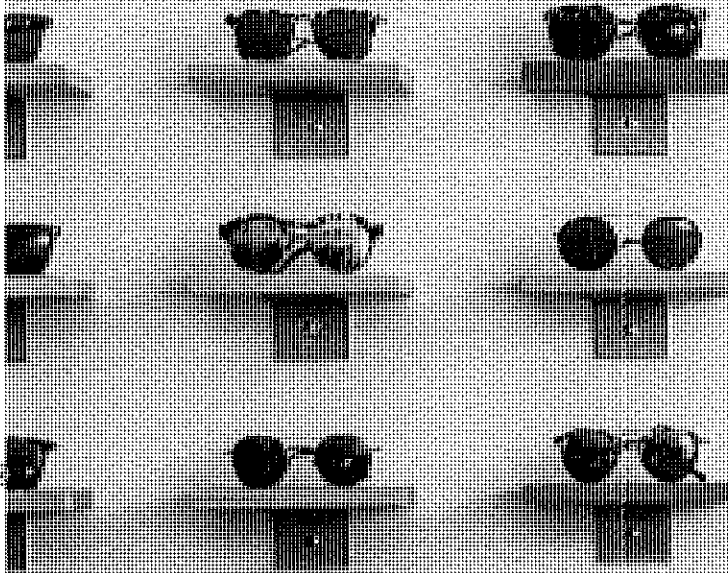
Use our tools to save money and  
money with our smart tools.  
Our smart tools can help you  
save money on your energy bills.  
Visit [FPL.com/SmartTools](http://FPL.com/SmartTools).

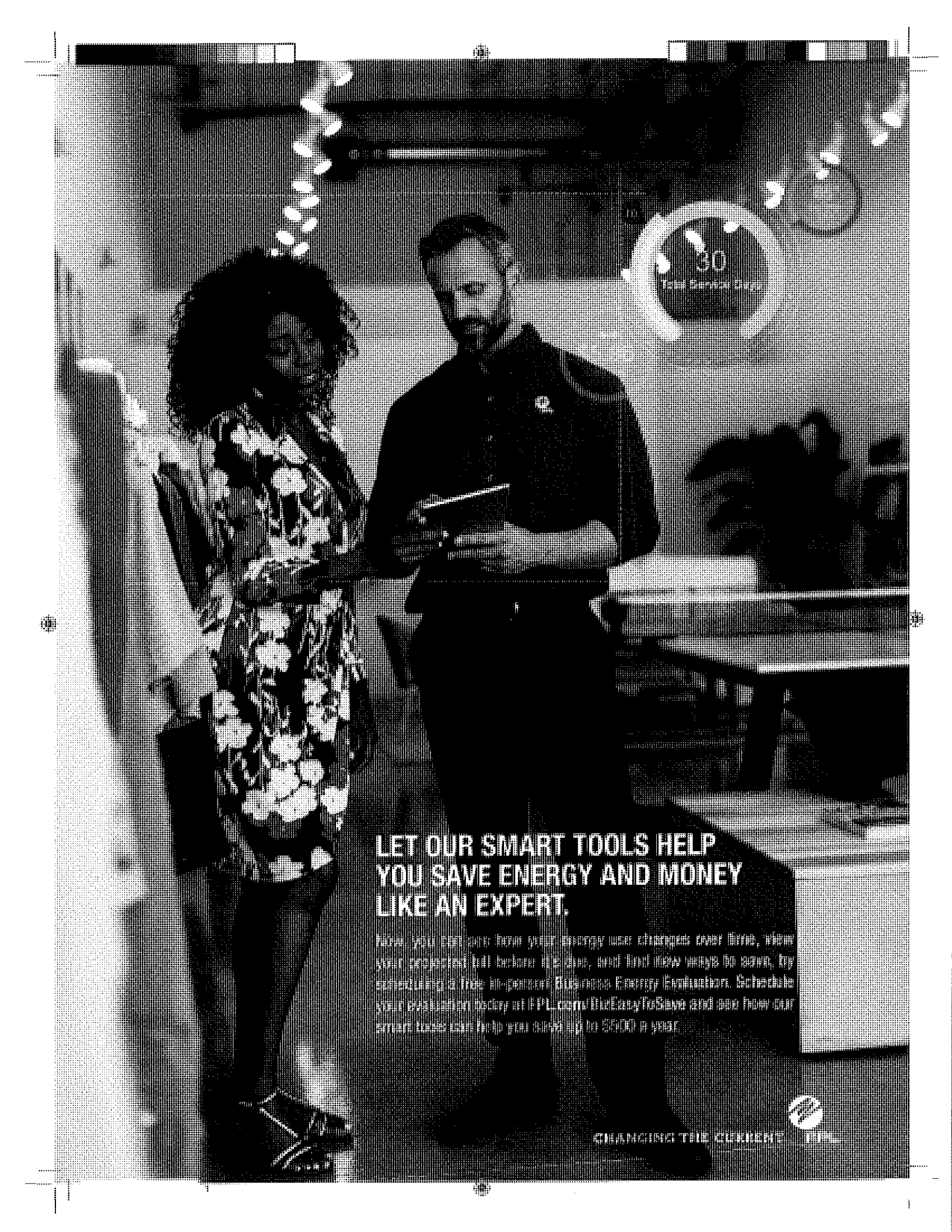
CHANGING THE CURRENT. FPL



# LET OUR SMART TOOLS HELP YOU SAVE ENERGY AND MONEY LIKE AN EXPERT.

Now, you can see how your energy use changes over time, view your projected bill before it's due, and find new ways to save up to \$500 a year by scheduling a free in-person Business Energy Evaluation. Schedule your evaluation today at [FPL.com/BeEasyToSave](http://FPL.com/BeEasyToSave).





**LET OUR SMART TOOLS HELP  
YOU SAVE ENERGY AND MONEY  
LIKE AN EXPERT.**

Reduce your energy bills before your energy usage increases every month, with smart appliances that monitor and control energy usage. By installing a free in-home Smart Energy Evaluation, you can identify energy-saving opportunities and get a list of smart appliances that can help you save up to \$500 a year.



SEE OUR SMART TOOLS ONLINE AT [www.smartenergy.com](http://www.smartenergy.com)





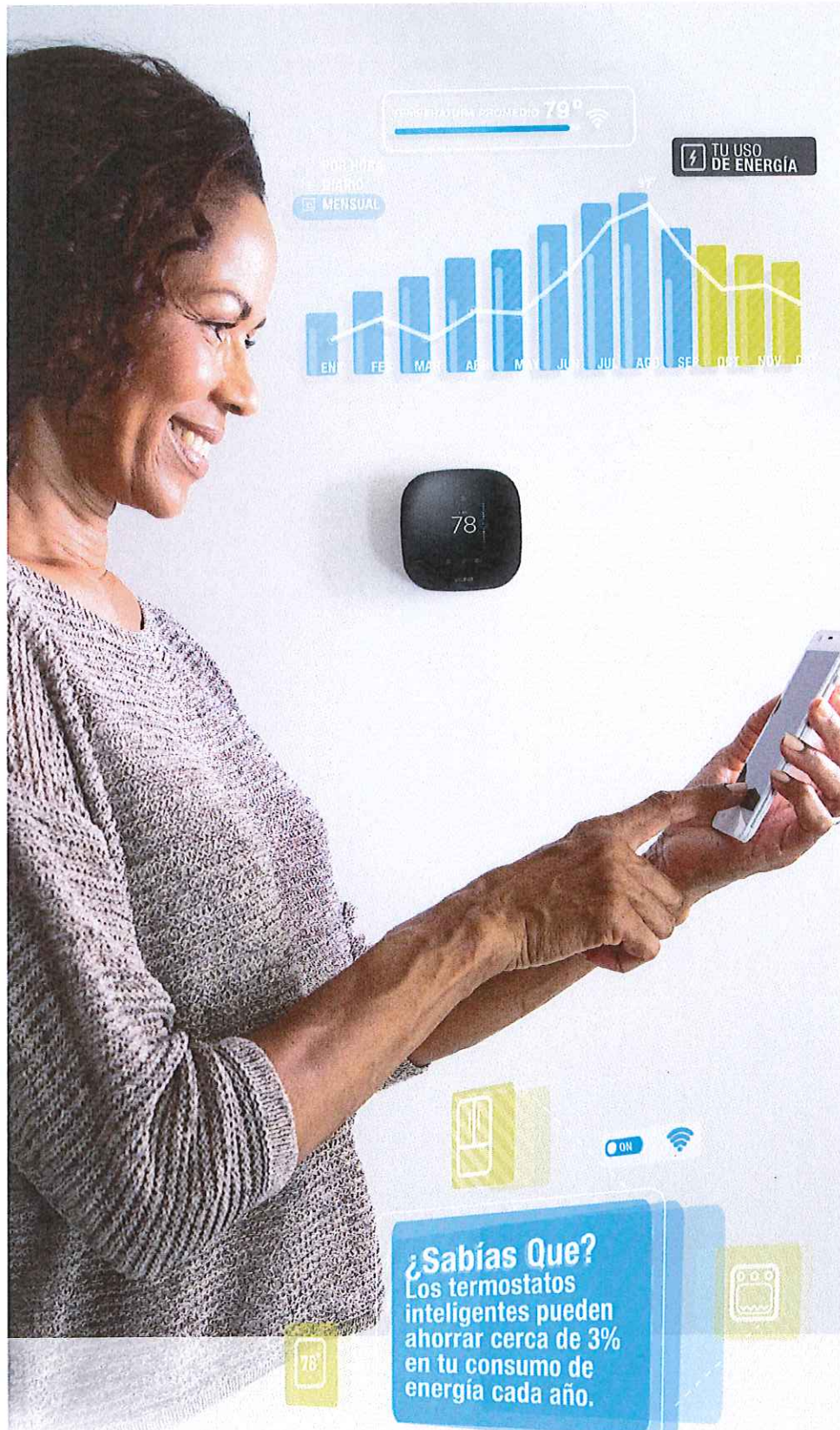
## OUR ENERGY EXPERTS CAN HELP YOU BECOME AN EXPERT, TOO.

FPL smart tools and a free Business Energy Evaluation can help you save up to \$500 a year for your business. Learn more at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave).



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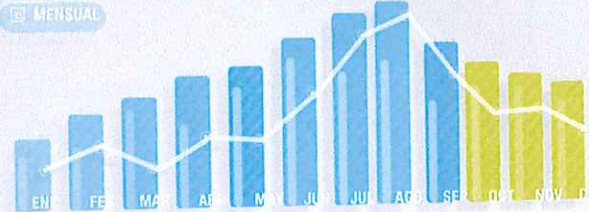




TEMPERATURA PROMEDIO 79°

TU USO DE ENERGÍA

TEMPERATURA PROMEDIO MENSUAL



78

**¿Sabías Que?**  
 Los termostatos inteligentes pueden ahorrar cerca de 3% en tu consumo de energía cada año.

**¿Sabías que la tecnología inteligente puede ayudarte a ahorrar?**

Los termostatos inteligentes muestran ahorros en promedio anual de hasta 450 kWh, o cerca de \$50 al año. Descubre aún más maneras de ahorrar dinero y bajar tu cuenta eléctrica al tomar el Estudio Online Residencial. Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) para ver cómo tu puedes ahorrar hasta \$250 al año.





## Did you know that smart technology can help you save?

Smart thermostats have been proven to save, on average, 450 kWh per year, or about \$50 annually. Find even more smart ways to help you save money and lower your bill when you take FPL's Online Home Energy Survey. Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to see how you can save up to \$250 a year.



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Bible Baptist Church  
North Winner

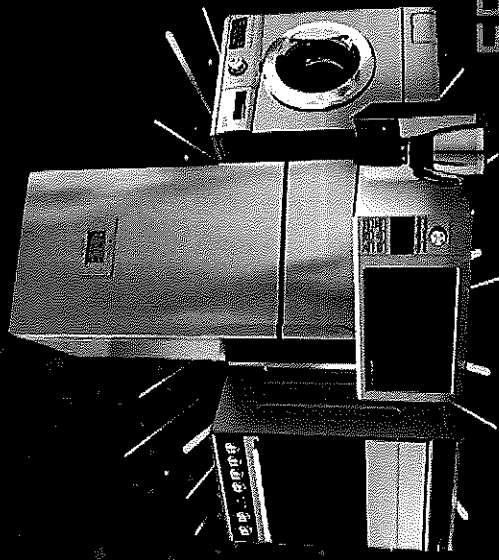
Jefferson Center  
South Winner



**FPL congratulates our Energy Conservation Leadership Award winners!**

**Saving energy. Leading by example.**

We're proud to recognize Bible Baptist Church in Live Oak and Jefferson Center in Sarasota as recipients of our Energy Conservation Leadership Award. These businesses put energy savings on the map and in their budget, and you can too. Schedule your free Business Energy Evaluation to see how you could save up to \$500 a year on your energy bill at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave).



Enter to win a  
**\$10,000**  
Smart Home Energy Makeover.

[FPL.com/EasyToSave](http://FPL.com/EasyToSave)



**FPL**

The new  
FPL mobile app  
is turning Floridians  
into energy experts.



[FPL.com/EasyToSave](http://FPL.com/EasyToSave)

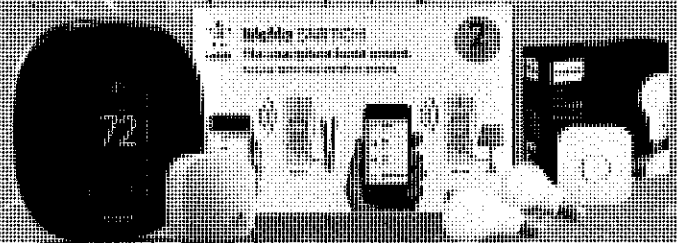
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Enter to win a  
**\$10,000**  
Smart Home  
Energy Makeover.

Plus Weekly  
Energy-Saving Prizes!



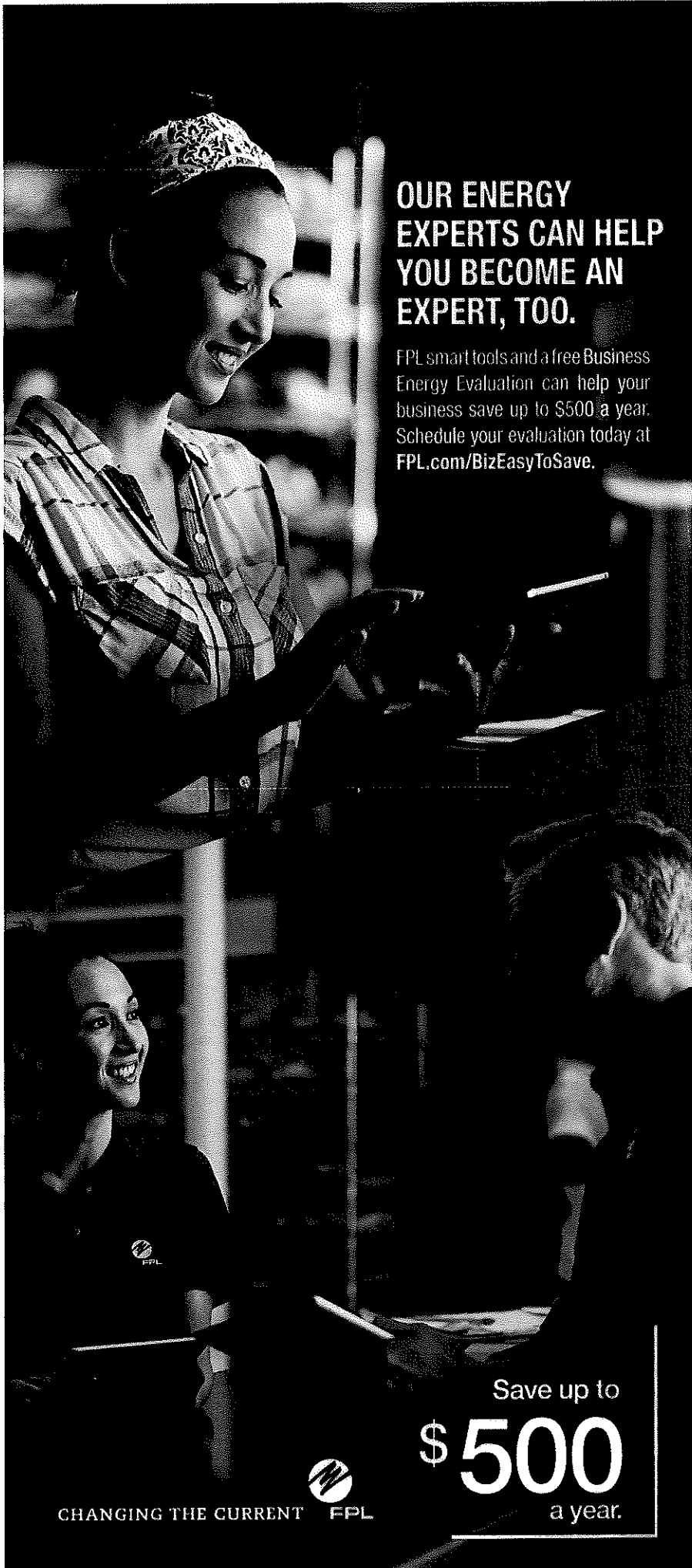
With FPL's Smart Home Energy Sweepstakes, you'll be entered to win weekly energy-saving prizes that can help keep your bill low, plus the chance to win an even bigger prize—a \$10,000 Smart Home Energy Makeover!

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the Online Home Energy Survey by October 31, 2017 and you could be our next winner.

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**OUR ENERGY  
EXPERTS CAN HELP  
YOU BECOME AN  
EXPERT, TOO.**

FPL smart tools and a free Business Energy Evaluation can help your business save up to \$500 a year. Schedule your evaluation today at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave).

Save up to

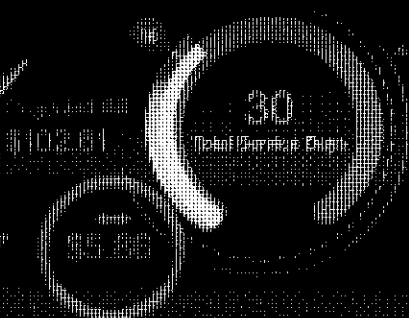
**\$500**

a year.



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Floridians everywhere  
are turning into  
energy experts.



With the new smart tools from FPL, now you can stay on top of your energy use, anytime, anywhere. You can even view your projected Bill before it's due - so, if needed, you can do something about it.

Like take the Online Home Energy Survey at [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and receive FREE wood to save up to

**\$300**  
a year.

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La gente  
de la Florida  
se están  
convirtiendo  
en expertos  
de energía.

Con los nuevos  
herramientas de Internet  
de FPL, ahora puedes  
revisar tu uso de energía,  
cuando más y dónde sea.  
Hazte experto por un  
momento de tu tiempo —  
y así tienes tiempo para  
hacer algo al momento,  
de un momento.

Como honor al esfuerzo  
de los participantes en  
FPL, aprende cómo  
y cuándo obtener  
beneficios hasta

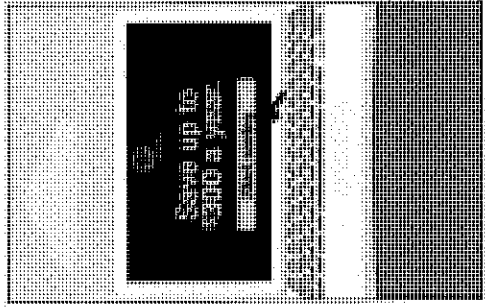
**\$300**

CARGADOR DE BATERÍA FPL



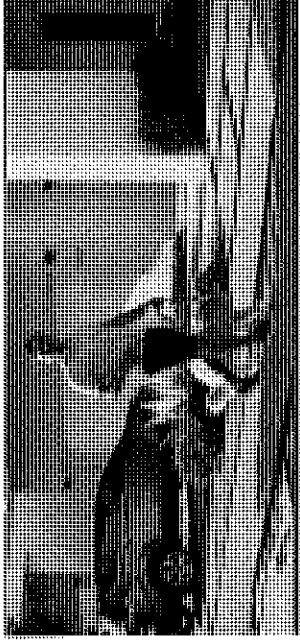
**Paid Search - ENG (Google + Bing):**

- FPL Energy Experts
- Save the Service Add Up
- Use the 4th Online Energy Dashboard & See How Much Energy You're Using.
- FPL Home Energy Survey
- Learn More Today
- Take the Online Home Energy Survey to Make Your Bill Even Lower!
- Lower Your Energy Bill
- FPL Home Energy Survey
- See how you compare to your neighbors
- Check on the Current Way You Use Energy & Make Your Bill Even Lower.
- Use Home Energy Survey
- Learn More Today
- Get a Free Personalized Report From FPL to Make Your Bill Even Lower!
- Lower Your Energy Bill
- FPL Home Energy Survey
- See how you compare to your neighbors
- Change the Current Way You Use Energy & Make Your Bill Even Lower.



**Paid Social - ENG (Facebook):**

- FPL Connect
- ASK THE ENERGY EXPERTS: Get GUT-TO-GUT for your objects to learn how to save energy and money. An experience not summer weather. We're taking your questions at ABC 7 in Sarasota starting at 5 p.m. Can't catch the podcast on TV? No worries, watch it here: <http://go.fpl.com/abc7>
- LEAVE IT



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Become an energy expert using our new, smart tools. FPL.com/EasyToSave

**FPL Connect**

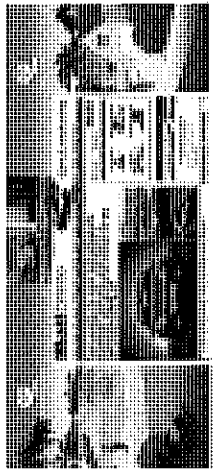
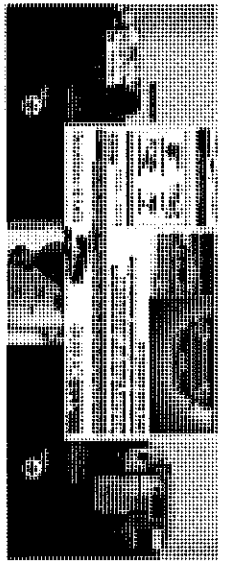
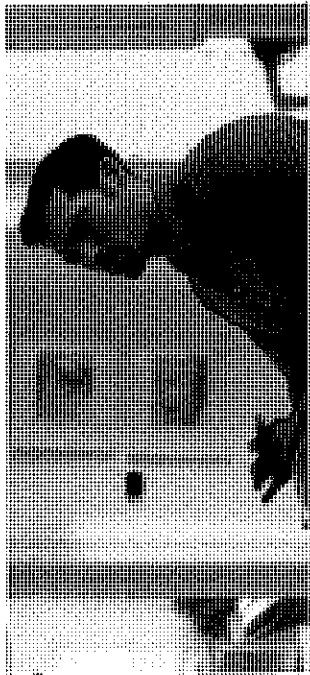
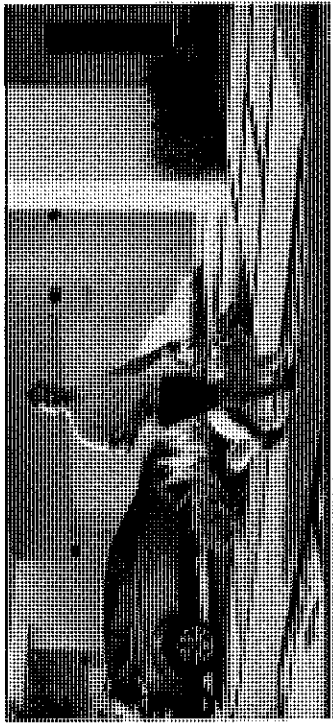
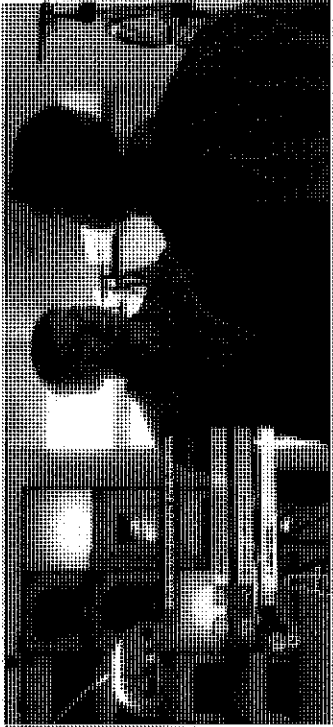
Your neighbors are saving money with FPL's smart tools. Will you be the next expert on your block? <http://go.fpl.com/abc7>

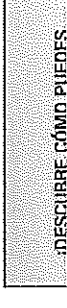
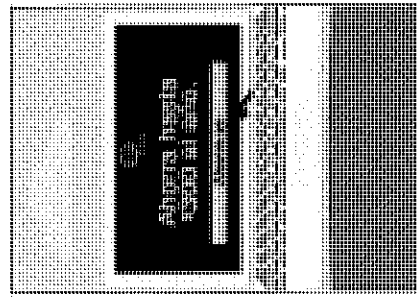
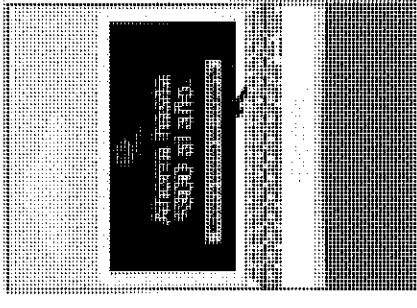
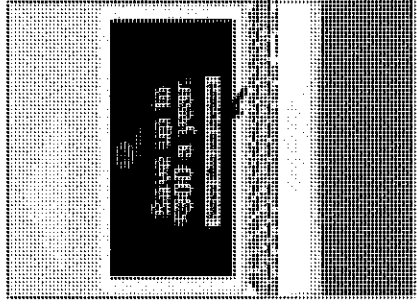
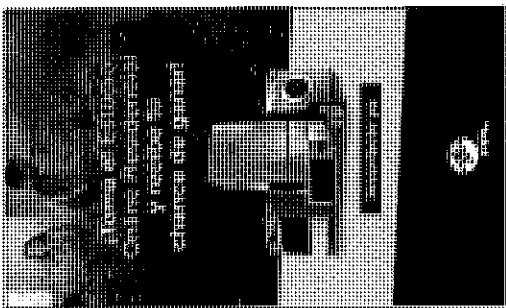
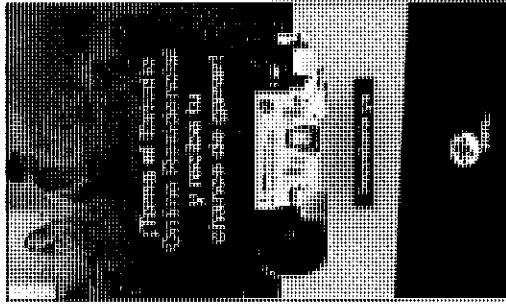
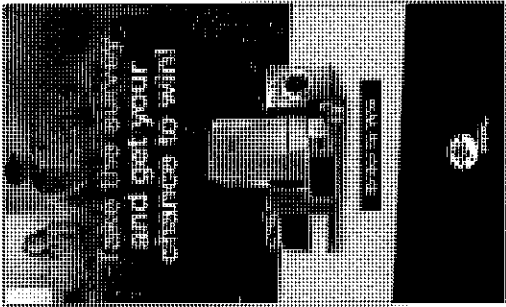
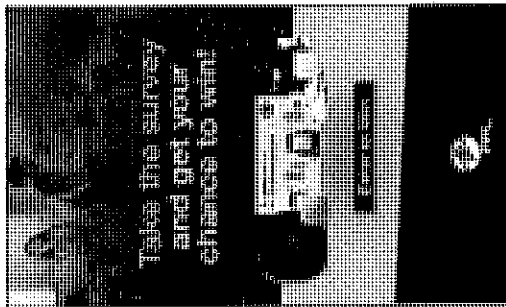
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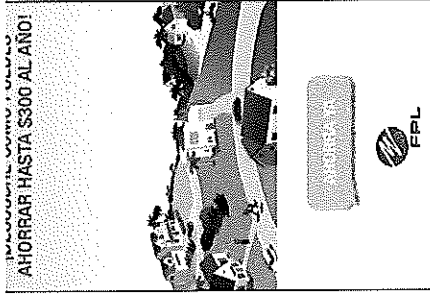
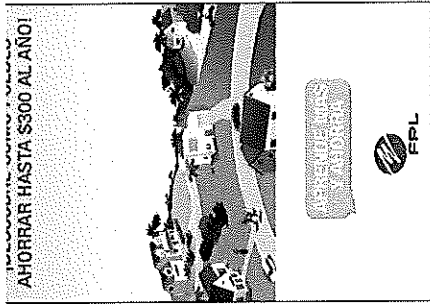
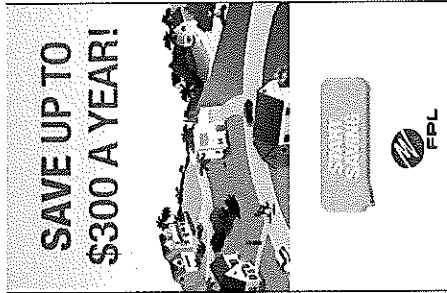
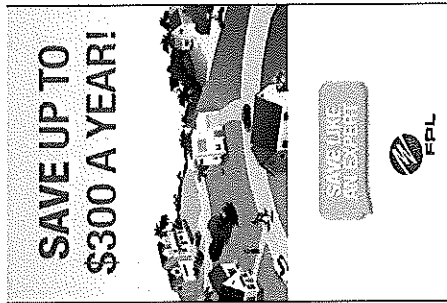
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**Win Weekly Energy-Saving Prizes**

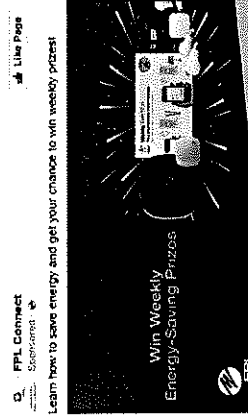
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Weekly energy-saving prizes and the chance to win a \$10,000 Smart Home Energy Makeover are yours when you take the Online Home Energy Survey!

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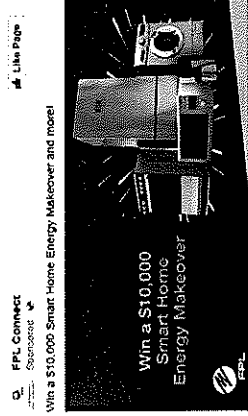
**Enter to win.**  
Learn how to save energy and money and get your chance to win a \$10,000 Smart Home Energy Makeover and more when you take the Online Home Energy Survey today!

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**Last chance to enter to win!**  
Last one chance Home Energy Survey!

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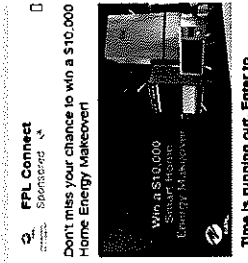
Don't miss your chance to win a \$10,000 Home Energy Makeover!

**Time is running out. Enter to win today!**

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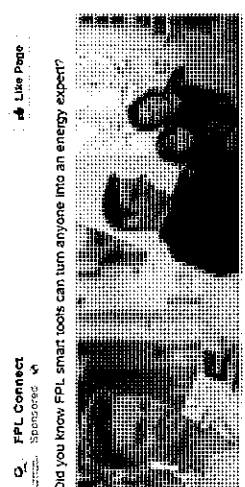
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Did you know FPL Smart tools can turn anyone into an energy expert?





**Save up to \$300 a year.**  
 Florida's energy experts are turning into energy experts with new smart tools from FPL. Find out how in the Changing Home Energy Survey and learn how you can make your bill even lower.

FPL.COM/EASYTOSAVE [Learn More](#)

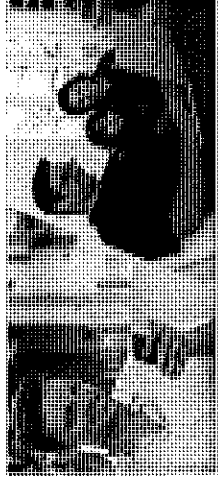
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**Become an energy expert**  
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Becoming an energy-saving expert is easy.



**Save up to \$300 a year.**  
 Florida's energy experts are turning into energy experts with new smart tools from FPL. Find out how in the Changing Home Energy Survey and learn how you can make your bill even lower.

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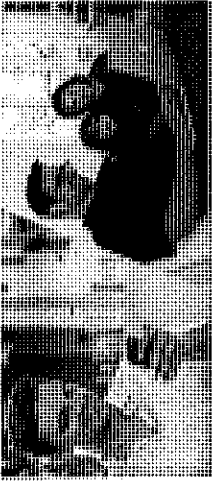
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**Smart tools mean smart savings!**  
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DECORATE SMARTER  
with tips from FPL energy experts.

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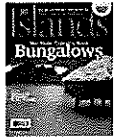
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SPONSORED CONTENT

## Could You Save on Holiday Decorating?

By

(#)



(#)



(#)



(#)



(#)



Putting up strings of holiday lights and giving special gifts to family and friends are holiday traditions for many Floridians. Before you deck the halls this year, consider how your decorations may impact your energy use and your bill.

“Depending on what type of holiday lights you use, those beautiful glowing strands can use a lot more energy than you’d think, which can drive up your energy bill,” said Florida Power & Light Company Energy Expert Monica Landrini. “Purchasing LED lights may be more costly upfront, but will save you money throughout the season. LED lights use 80 to 90 percent less energy and can last 10 times as long as standard incandescent bulbs which saves you more over time.”

Here are more tips from FPL’s energy expert on ways you can decorate smarter and safer, as well as how you can give the gift of savings this holiday season.

### *Decorate smarter*

Set it and forget it: Use automatic timers to control how long you are running your lights or holiday inflatables each day. The fewer the hours, the less energy you'll use.

Use extension cords: Need to add length to your holiday lighting display? Consider using extension cords in less visible areas, so that you're using your holiday lights where they'll make the most visual impact.

Include energy-free décor: You can supplement your holiday displays with wreaths, ribbons and other decorations that don't consume energy.

Use inflatables carefully: Although large inflatable decorations are fun and more popular than ever, they can be some of the most expensive holiday decorations. For example, if you run a large, animated snow globe around the clock throughout December, it can add nearly \$15 to your energy bill.



### *Keep safety top of mind*

Inspect lights each year: Whether you're using old or new holiday lights, inspect them for damage. Return or discard any with cracked or broken sockets, frayed or bare wires or loose connections.

Check the rating: Ensure that outdoor lighting and extension cords are UL-rated for exterior use. Never use indoor lights outside – although using outdoor lights inside the home is fine.

Keep them grounded: All outdoor electrical decorations should be plugged into a ground-fault circuit interrupter (GFCI). You can buy portable units for outdoor use or have them permanently installed.

### *Give gifts that help save money*

Take advantage of the exclusive FPL customer discount on ecobee Smart Thermostats. FPL customers are now eligible to save \$60 on a new ecobee4 Smart Thermostat with Amazon Alexa and can also save \$40 on the ecobee3 lite. The savings don't stop there – using a smart thermostat can save you on average \$50 a year on your energy bill. Buy today at [ecobee.com/FPL](http://ecobee.com/FPL). ([http://jadserve.postrelease.com/trk?ntv\\_at=4fntv\\_ui=fcc74052-45de-495c-ab64-23013bce24ff&ntv\\_a=9EgDAdv4YA\\_3sFA&ntv\\_fl=1IUNxEyU262pCg2fWsVg8A==&ord=436171929&ntv\\_ht=snCEWgA&prx\\_r=//ecobee.com/FPL](http://jadserve.postrelease.com/trk?ntv_at=4fntv_ui=fcc74052-45de-495c-ab64-23013bce24ff&ntv_a=9EgDAdv4YA_3sFA&ntv_fl=1IUNxEyU262pCg2fWsVg8A==&ord=436171929&ntv_ht=snCEWgA&prx_r=//ecobee.com/FPL).)

Look for the ENERGY STAR® logo: If you're investing in larger appliances or electronics, select models that are ENERGY STAR-rated as they'll use 40 percent less energy than comparable models.

Ask Alexa how to save: If you have a device with Amazon Alexa, you can now enable the FPL skill. Then, ask Alexa for energy savings tips from FPL all year long to find new ways to save energy and money.

To find more ways to save, visit [FPL.com/EasyToSave](http://FPL.com/EasyToSave). ([http://jadserve.postrelease.com/trk?ntv\\_at=4fntv\\_ui=fcc74052-45de-495c-ab64-23013bce24ff&ntv\\_a=9EgDAdv4YA\\_3sFA&ntv\\_fl=1IUNxEyU262pCg2fWsVg8A==&ord=436171929&ntv\\_ht=snCEWgA](http://jadserve.postrelease.com/trk?ntv_at=4fntv_ui=fcc74052-45de-495c-ab64-23013bce24ff&ntv_a=9EgDAdv4YA_3sFA&ntv_fl=1IUNxEyU262pCg2fWsVg8A==&ord=436171929&ntv_ht=snCEWgA))





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DECORATE SMARTER  
with tips from FPL energy experts.

LEARN MORE



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North Winner

Jefferson Center  
South Winner



**FPL congratulates our Energy Conservation Leadership Award winners!**

**Saving energy. Leading by example.**

We're proud to recognize Bible Baptist Church in Live Oak and Jefferson Center in Sarasota as recipients of our Energy Conservation Leadership Award. These businesses put energy savings on the map and in their budget, and you can too. Schedule your free Business Energy Evaluation to see how you could save up to \$500 a year on your energy bill at [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave).





# SMART HOME ENERGY SWEEPSTAKES

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\$5,000  
GRAND PRIZE!

**Just click for your chance to win weekly prizes  
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With FPL's Smart Home Energy Sweepstakes, you'll be entered to win big weekly prizes that can help you save energy and make your bill even lower—plus the chance to win an even bigger \$5,000 Smart Home Energy Makeover! Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and take the survey by October 31, 2016 for your chance to win.



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# SORTEO DE TECNOLOGÍA INTELIGENTE

¡Premios  
Semanales!

\$5,000  
Premio Mayor

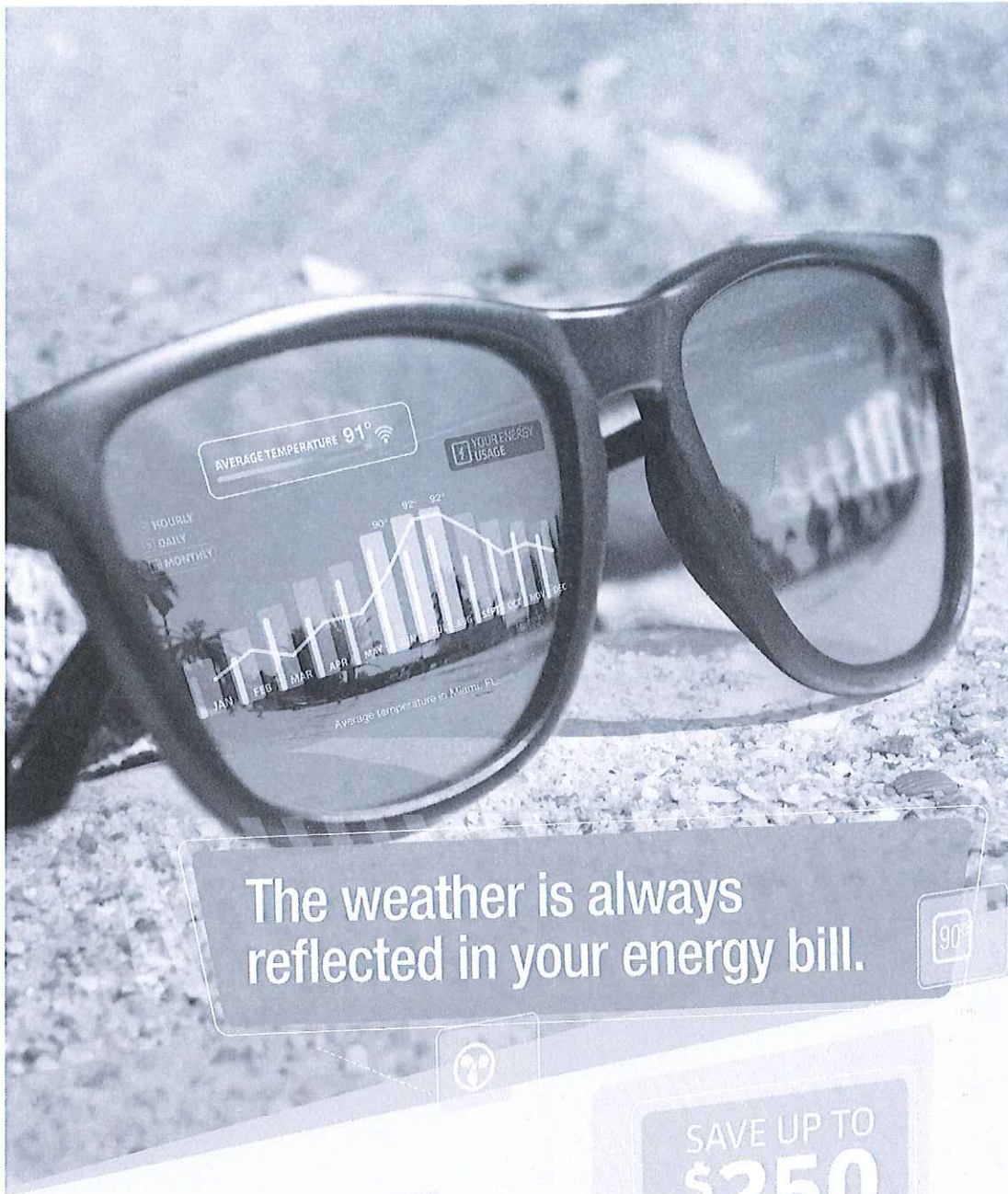
¡Haz clic para tu oportunidad de ganar premios semanales y una Renovación de Tecnología Inteligente para el Hogar de \$5,000!

Con el Sorteo de Tecnología Inteligente de FPL, podrás ganar grandes premios semanales que te ayudarán a ahorrar energía y hacer que tu cuenta sea aún más baja – además, la oportunidad de ganar una Renovación de Tecnología Inteligente para el Hogar valorada en \$5,000. Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) y toma el estudio antes del 31 de octubre del 2016 para tu oportunidad de ganar.



GAMBIANDO LA CORRIENTE. FPL.



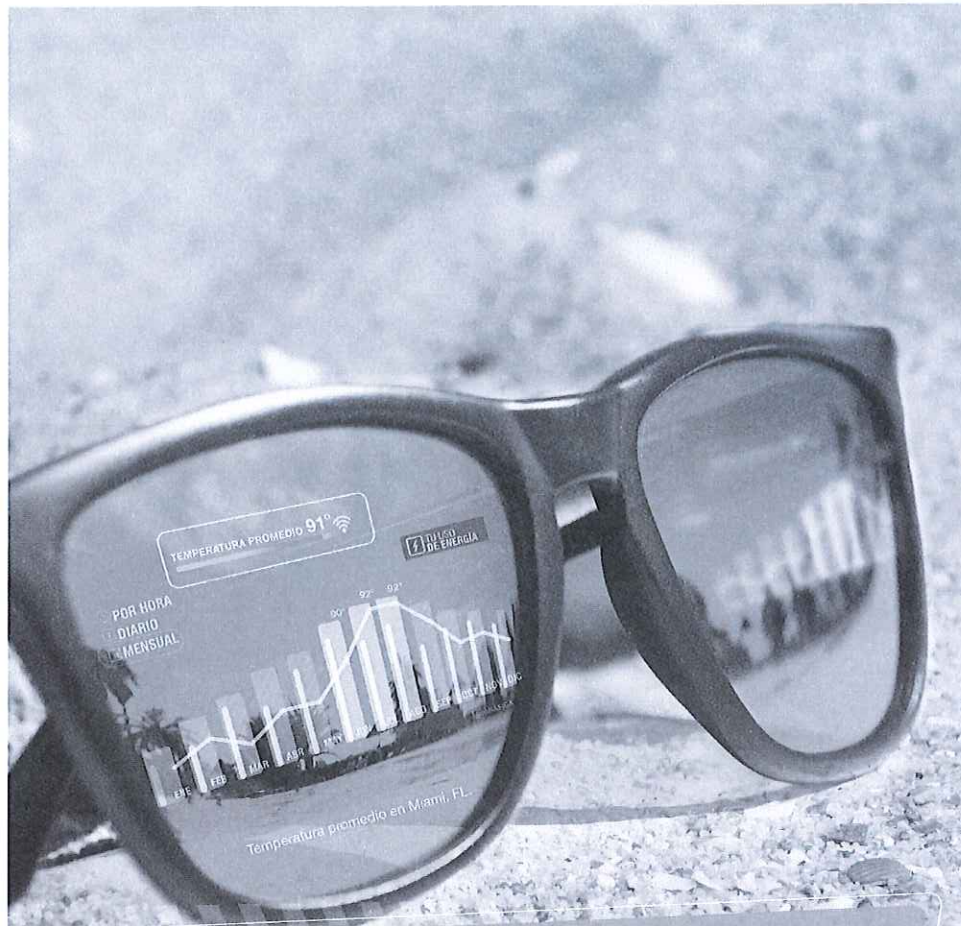


The weather is always reflected in your energy bill.

SAVE UP TO  
**\$250**  
A YEAR

**Our smart tools help you see how temperature affects your bill.**

This summer's unusually high temperatures have air conditioners across the Sunshine State working overtime. With your online energy dashboard and the Online Home Energy Survey, you can learn new ways to control your energy use, even on the hottest days of the year. Take the survey to see how you can save up to \$250 a year at [FPL.com/EasyToSave](http://FPL.com/EasyToSave).



El clima siempre se refleja  
en tu cuenta de energía.

AHORRA HASTA  
**\$250**  
AL AÑO

**Descubre cómo la temperatura afecta tu cuenta con nuestras herramientas inteligentes.**

Las altas temperaturas inusuales de este verano tienen a las unidades de aire acondicionado a través de la Florida trabajando al máximo. Con tu panel online de energía y el Estudio Online Residencial, podrás aprender nuevas maneras de controlar tu uso de energía, inclusive durante los días más calurosos del año. Toma el estudio y descubre cómo puedes ahorrar hasta \$250 al año en [FPL.com/Ahorros](http://FPL.com/Ahorros).



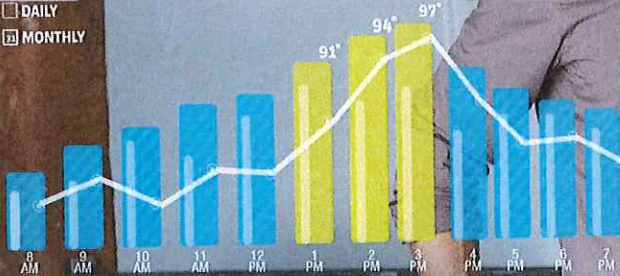
# Florida Trend

THE MAGAZINE OF FLORIDA BUSINESS

Periodical

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YOUR BUSINESS ENERGY USAGE



SMART TOOLS



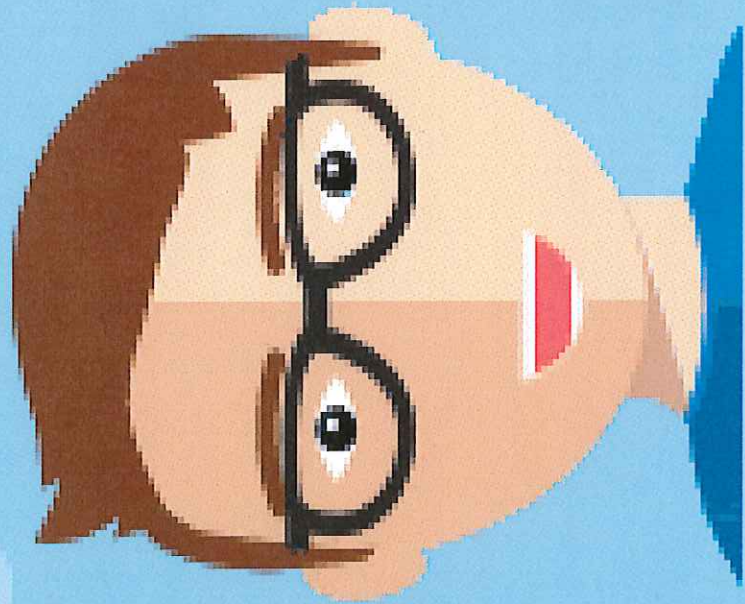
Tim Hogans  
FPL energy expert

**FPL's smart tools can help you find new ways to save up to \$500 a year.**

See your business' energy use by the month, day or hour with FPL's Online Business Energy Dashboard and learn how to keep your bill low with a free Business Energy Evaluation. Visit [FPL.com/BizEasyToSave](http://FPL.com/BizEasyToSave) to schedule yours today.

CHANGING THE CURRENT.  FPL.





# view your Projected Bill



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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 7  
PARTY: FLORIDA POWER & LIGHT  
COMPANY (FPL) - (DIRECT)  
DESCRIPTION: Renae B. Deaton AS-2

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SUMMARY OF ECCR CALCULATION

SCHEDULE C-1

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Total
1. Projected Costs (Schedule C-2, pg 5, line 18)	\$167,101,642
2. True-up Over/(Under) Recoveries (Schedule C-3, pg 22, line 9)	<u>\$13,711,769</u>
3. Subtotal (line 1 minus line 2)	\$153,389,873
4. Less Load Management Incentives Not Subject To Revenue Taxes <sup>(a)</sup>	<u>\$106,299,924</u>
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	\$47,089,949
6. Revenue Tax Multiplier	1.00072
7. Subtotal (line 5 * line 6)	<u>\$47,123,854</u>
8. Total Recoverable Costs (line 7+ line 4)	<u>\$153,423,778</u>
9. Total Cost	\$153,423,778
10. Energy Related Costs	\$35,793,767
11. Demand-Related Costs (total)	\$117,630,011
12. Demand Costs - allocated on 12 CP (Line 11/13 * 12)	\$108,581,548
13. Demand Costs - 1/13th of demand costs allocated on energy (Line 11/13)	\$9,048,462

<sup>(a)</sup> Schedule C-2, page 6, Rebates Column, Program Nos. 3,7,10,11)

Costs are split in proportion to the current period split of demand-related (76.67%) and energy-related (23.33%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, page 5, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-E

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CALCULATION OF ENERGY DEMAND ALLOCATION % BY RATE CLASS

SCHEDULE C-1

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RATE CLASS	AVG 12CP Load Factor at Meter (%) <sup>(a)</sup>	Projected Sales at Meter (kwh) <sup>(b)</sup>	Projected AVG 12CP at Meter (kW) <sup>(c)</sup>	Demand Loss Expansion Factor <sup>(d)</sup>	Energy Loss Expansion Factor <sup>(e)</sup>	Projected Sales at Generation (kwh) <sup>(f)</sup>	Projected AVG 12CP at Generation (kW) <sup>(g)</sup>	Percentage of Sales at Generation (%) <sup>(h)</sup>	Percentage of Demand at Generation (%) <sup>(i)</sup>
RS1/RTR1	61.318%	57,721,463,189	10,745,888	1.06634038	1.04989745	60,601,617,012	11,458,774	53.39542%	57.65360%
GS1/GST1	62.342%	6,158,339,165	1,127,660	1.06634038	1.04989745	6,465,624,586	1,202,469	5.69679%	6.05010%
GSD1/GSDT1/HLFT1	70.809%	26,595,865,827	4,287,691	1.06625901	1.04983794	27,921,348,992	4,571,789	24.60119%	23.00247%
OS2	166.935%	10,979,898	751	1.03715166	1.02806009	11,287,995	779	0.00995%	0.00392%
GSLD1/GSLDT1/CS1/CST1/HLFT2	72.903%	10,023,044,160	1,569,457	1.06521841	1.04911329	10,515,308,835	1,671,814	9.26492%	8.41156%
GSLD2/GSLDT2/CS2/CST2/HLFT3	86.130%	2,487,110,600	329,636	1.05518637	1.04156519	2,590,487,825	347,827	2.28245%	1.75005%
GSLD3/GSLDT3/CS3/CST3	83.216%	188,767,478	25,895	1.02223883	1.01684478	191,947,225	26,471	0.16912%	0.13319%
SST1T	99.973%	107,260,783	12,248	1.02223883	1.01684478	109,067,567	12,520	0.09610%	0.06299%
SST1D1/SST1D2/SST1D3	71.831%	6,822,549	1,084	1.03715166	1.02806009	7,013,990	1,125	0.00618%	0.00566%
CILC D/CILC G	85.780%	2,651,228,844	352,823	1.05481490	1.04141302	2,761,024,237	372,163	2.43271%	1.87250%
CILC T	92.195%	1,426,193,127	176,590	1.02223883	1.01684478	1,450,217,036	180,517	1.27777%	0.90825%
MET	76.785%	92,084,171	13,690	1.03715166	1.02806009	94,668,061	14,199	0.08341%	0.07144%
OL1/SL1/SL1M/PL1	77.451.284%	624,537,336	92	1.06634038	1.04989745	655,700,156	98	0.57773%	0.00049%
SL2/SL2M/GSCU1	95.338%	114,861,786	13,753	1.06634038	1.04989745	120,593,096	14,666	0.10625%	0.07379%
Total		108,208,558,913	18,657,257			113,495,906,614	19,875,210	100.00000%	100.00000%

<sup>(a)</sup> AVG 12 CP load factor based on 2015-2017 load research data and 2019 projections

<sup>(b)</sup> Projected kwh sales for the period January 2019 through December 2019

<sup>(c)</sup> Calculated: Col (3)/(8760 hours \* Col (2)) , 8760 hours = annual hours

<sup>(d)</sup> Based on projected 2019 demand losses

<sup>(e)</sup> Based on projected 2019 energy losses

<sup>(f)</sup> Col (3) \* Col (6)

<sup>(g)</sup> Col (4) \* Col (5)

<sup>(h)</sup> Col (7) / total for Col (7)

<sup>(i)</sup> Col (8) / total for Col (8)

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CALCULATION OF ENERGY CONSERVATION FACTORS

REVISED AUGUST 21, 2018  
SCHEDULE C-1

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
RATE CLASS	Percentage of Sales at Generation (%) <sup>(a)</sup>	Percentage of Demand at Generation (%) <sup>(b)</sup>	Demand Costs Allocated on 12CP <sup>(c)</sup>	Demand Costs Allocated on 1/13th <sup>(d)</sup>	Energy Allocation (\$) <sup>(e)</sup>	Total Recoverable Costs (\$)	Projected Sales at Meter (kwh) (factors) <sup>(f)</sup>	Billing KW Load Factor (%) <sup>(g)</sup>	Projected Billed KW at Meter (kw) <sup>(h)</sup>	Conservation Recovery Factor (\$/kw) <sup>(i)</sup>	Conservation Recovery Factor (\$/kwh) <sup>(j)</sup>	RDC (\$/KW) <sup>(k)</sup>	SDD (\$/KW) <sup>(l)</sup>
RS1/RTR1	53.39542%	57.65360%	62,601,170	4,831,465	19,112,233	86,544,867	57,721,463,189	-	-	-	0.00150	-	-
GS1/GST1	5.69679%	6.05010%	6,569,287	515,472	2,039,096	9,123,855	6,158,339,165	-	-	-	0.00148	-	-
GSD1/GSDT1/HLFT1	24.60119%	23.00247%	24,976,436	2,226,030	8,805,694	36,008,161	26,595,865,827	50.54524%	72,079,380	0.50	-	-	-
OS2	0.00995%	0.00392%	4,254	900	3,560	8,714	10,979,898	-	-	-	0.00079	-	-
GSLD1/GSLDT1/CS1/CST1/HLFT2	9.26492%	8.41156%	9,133,398	838,333	3,316,265	13,287,996	10,023,044,160	59.24536%	23,175,142	0.57	-	-	-
GSLD2/GSLDT2/CS2/CST2/HLFT3	2.28245%	1.75005%	1,900,236	206,527	816,975	2,923,738	2,487,110,600	65.87894%	5,171,608	0.57	-	-	-
GSLD3/GSLDT3/CS3/CST3	0.16912%	0.13319%	144,615	15,303	60,535	220,453	188,767,478	64.54100%	400,653	0.55	-	-	-
SST1T	0.09610%	0.06299%	68,399	8,695	34,397	111,492	107,260,783	16.62827%	883,631	-	-	\$0.07	\$0.03
SST1D1/SST1D2/SST1D3	0.00618%	0.00566%	6,144	559	2,212	8,915	6,822,549	31.43533%	29,731	-	-	\$0.07	\$0.03
CILC D/CILC G	2.43271%	1.87250%	2,033,186	220,123	870,758	3,124,067	2,651,228,844	70.95074%	5,118,792	0.61	-	-	-
CILC T	1.27777%	0.90825%	986,196	115,619	457,362	1,559,177	1,426,193,127	74.86820%	2,609,505	0.60	-	-	-
MET	0.08341%	0.07144%	77,569	7,547	29,856	114,973	92,084,171	55.61320%	226,822	0.51	-	-	-
OL1/SL1/SL1M/PL1	0.57773%	0.00049%	536	52,276	206,791	259,603	624,537,336	-	-	-	0.00042	-	-
SL2/SL2M/GSCU1	0.10625%	0.07379%	80,121	9,614	38,032	127,767	114,861,786	-	-	-	0.00111	-	-
Total			108,581,548	9,048,462	35,793,767	153,423,778	108,208,558,913		109,695,263				

<sup>(a)</sup> Obtained from Schedule C-1, page 2, col (9)

<sup>(b)</sup> Obtained from Schedule C-1, page 2, col (10)

<sup>(c)</sup> Total from C-1, page 1, line 12 X col (3)

<sup>(d)</sup> Total from C-1, page 1, line 13 X col (2)

<sup>(e)</sup> Total from C-1, page 1, line 10 X col (2)

<sup>(f)</sup> Projected kwh sales for the period January 2019 through December 2019, From C-1, page 2, total of column 3

<sup>(g)</sup> (kWh sales / 8760 hours)/(avg customer NCP)(8760 hours).

<sup>(h)</sup> Col (8) / (Col(9)\*730)

<sup>(i)</sup> Col (7) / Col (10)

<sup>(j)</sup> Col (7) / Col (8)

<sup>(k)</sup> (C-1 pg 3, total col 7)/(C-1, pg 2, total col 8).(10) (C-1, pg 2, col 6) / 12

<sup>(l)</sup> (C-1 pg 3, total col 7/C-1, pg 2, total col 8/(21 onpk days) (C-1, pg 2, col 6))/ 12

Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 factor.

Note: Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
 ENERGY CONSERVATION COST RECOVERY  
 CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES

SCHEDULE C-4

ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

MONTH	Projected Sales at Meter (kwh)	Revenues (Net of Revenue Taxes) <sup>(a)</sup>
January Actual	8,013,938,880	11,811,597
February Actual	7,150,236,822	11,080,002
March Actual	7,501,440,926	11,022,765
April Actual	8,065,476,980	11,523,671
May Actual	8,689,749,346	12,516,078
Jun Actual	9,775,176,657	13,443,667
July Estimated	10,599,118,562	15,145,827
August Estimated	10,458,135,135	14,944,366
September Estimated	10,407,020,760	14,871,325
October Estimated	9,964,726,331	14,239,299
November Estimated	8,190,975,367	11,704,661
December Estimated	8,065,472,002	11,525,321
Total	106,881,467,768	153,828,578

(a) Revenue tax for the period is .072% Regulatory Assessment Fee.

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C-3, Pages 22-23	Rena B. Deaton
C-4, Page 24	Rena B. Deaton
C-5, Pages 25- 28	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 8  
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) -  
(DIRECT)  
DESCRIPTION: R. B. Deaton/A. Sharma AS-2B



FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CONSERVATION PROGRAM COSTS

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Method of Classification		Monthly Data												
	Energy	Demand	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1 RESIDENTIAL HOME ENERGY SURVEY	\$14,092,413		\$608,381	\$504,814	\$546,931	\$693,204	\$1,773,182	\$1,613,820	\$1,732,020	\$1,582,686	\$1,586,358	\$1,573,871	\$1,339,424	\$537,722	14,092,413
2 RESIDENTIAL CEILING INSULATION	\$829,153		\$42,016	\$50,557	\$51,819	\$53,278	\$70,728	\$113,914	\$114,497	\$109,672	\$91,688	\$50,744	\$43,836	\$36,404	829,153
3 RESIDENTIAL LOAD MANAGEMENT ("ON CALL")		\$48,784,581	\$3,328,040	\$3,313,122	\$3,349,624	\$4,708,101	\$4,763,164	\$4,631,830	\$4,604,813	\$4,578,906	\$4,549,068	\$4,563,808	\$3,172,889	\$3,221,216	48,784,581
4 RESIDENTIAL AIR CONDITIONING	\$4,564,957		\$285,370	\$287,235	\$383,639	\$335,987	\$455,971	\$510,615	\$419,364	\$491,801	\$299,840	\$491,249	\$310,706	\$293,180	4,564,957
5 RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$482,879		\$36,726	\$47,922	\$43,082	\$36,065	\$51,923	\$36,071	\$40,285	\$43,517	\$35,173	\$39,876	\$35,123	\$37,116	482,879
6 RESIDENTIAL LOW-INCOME WEATHERIZATION	\$501,295		\$57,208	\$67,521	\$95,497	\$126,323	\$92,135	\$13,555	\$12,303	\$5,307	\$5,340	\$11,925	\$8,002	\$6,179	501,295
7 BUSINESS ON CALL		\$3,618,194	\$48,109	\$48,447	\$55,608	\$491,963	\$494,827	\$490,134	\$489,991	\$482,216	\$480,148	\$445,881	\$45,150	\$45,720	3,618,194
8 COGENERATION & SMALL POWER PRODUCTION	\$238,691		\$21,566	\$17,212	\$19,578	\$21,031	\$22,568	\$18,126	\$22,525	\$21,116	\$19,535	\$22,568	\$19,621	\$13,245	238,691
9 BUSINESS EFFICIENT LIGHTING	\$620,861		\$161,520	\$89,401	\$60,112	\$30,943	\$88,669	\$39,422	\$32,578	\$22,053	\$20,198	\$38,446	\$20,547	\$16,972	620,861
10 COMMERCIAL/INDUSTRIAL LOAD CONTROL		\$41,385,504	\$2,897,428	\$3,310,003	\$3,362,080	\$2,829,131	\$2,849,317	\$4,894,353	\$2,910,374	\$3,492,584	\$2,897,406	\$2,858,789	\$3,474,605	\$5,609,434	41,385,504
11 COMMERCIAL/INDUSTRIAL DEMAND REDUCTION		\$28,379,438	\$1,900,396	\$1,814,233	\$1,880,829	\$2,141,845	\$2,375,486	\$2,633,647	\$2,767,027	\$2,808,965	\$2,791,534	\$2,673,933	\$2,353,354	\$2,238,189	28,379,438
12 BUSINESS ENERGY EVALUATION	\$8,646,047		\$607,980	\$538,006	\$562,189	\$553,499	\$858,590	\$949,552	\$880,226	\$830,496	\$870,278	\$880,056	\$575,130	\$540,045	8,646,047
13 BUSINESS HEATING, VENTILATING & A/C	\$5,778,033		\$461,621	\$236,862	\$202,950	\$358,676	\$285,944	\$1,305,247	\$413,510	\$361,937	\$740,949	\$488,344	\$460,619	\$461,374	5,778,033
14 BUSINESS CUSTOM INCENTIVE	\$173,863		\$3,954	\$3,469	\$3,952	\$3,924	\$13,626	\$3,566	\$4,065	\$3,924	\$18,294	\$72,663	\$23,776	\$18,650	173,863
15 CONSERVATION RESEARCH & DEVELOPMENT	\$173,103		\$6,156	\$5,853	\$5,782	\$6,065	\$6,341	\$31,014	\$6,341	\$6,065	\$30,790	\$6,841	\$55,790	\$6,065	173,103
16 SOLAR PV FOR SCHOOLS	\$1,063,326		\$125,643	\$117,304	\$105,391	\$97,173	\$95,602	\$95,030	\$94,458	\$93,887	\$81,609	\$61,036	\$52,238	\$43,955	1,063,326
17 COMMON EXPENSES	\$1,812,207	\$5,957,097	\$615,037	\$584,458	\$786,489	\$639,025	\$639,514	\$612,501	\$666,043	\$613,777	\$613,936	\$690,623	\$659,323	\$648,578	7,769,304
18 RECOVERABLE CONSERVATION EXPENSES	<u>38,976,828</u>	<u>128,124,814</u>	<u>11,207,151</u>	<u>11,036,419</u>	<u>11,515,552</u>	<u>13,126,233</u>	<u>14,937,587</u>	<u>17,992,397</u>	<u>15,210,420</u>	<u>15,548,909</u>	<u>15,132,144</u>	<u>14,970,653</u>	<u>12,650,133</u>	<u>13,774,044</u>	<u>167,101,642</u>

Note: Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SUMMARY OF ECCR CALCULATION

SCHEDULE C-2

ESTIMATED FROM THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	TOTAL PROGRAM EXPENSES
1 RESIDENTIAL HOME ENERGY SURVEY	\$446,632	\$3,691,181	\$32,328	\$1,725,090	\$6,947,635	\$0	\$292,965	\$956,582	\$14,092,413
2 RESIDENTIAL CEILING INSULATION	\$0	\$81,887	\$0	\$14,988	\$0	\$718,781	\$0	\$13,497	\$829,153
3 RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$9,221,544	\$2,069,108	\$205,197	\$3,693,032	\$0	\$33,999,788	\$35,159	(\$439,248)	\$48,784,581
4 RESIDENTIAL AIR CONDITIONING	\$0	\$334,970	\$974	\$117,529	\$0	\$4,050,000	\$8,798	\$52,686	\$4,564,957
5 RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$0	\$338,789	\$0	\$79,798	\$0	\$14,896	\$0	\$49,396	\$482,879
6 RESIDENTIAL LOW-INCOME WEATHERIZATION	\$0	\$196,772	\$2,797	\$25,000	\$0	\$230,000	\$20,529	\$26,197	\$501,295
7 BUSINESS ON CALL	\$453,772	\$47,604	\$0	\$60,791	\$0	\$3,064,763	\$0	(\$8,736)	\$3,618,194
8 COGENERATION & SMALL POWER PRODUCTION	\$0	\$388,238	\$0	\$5,792	\$0	\$0	\$0	(\$155,339)	\$238,691
9 BUSINESS EFFICIENT LIGHTING	\$0	\$181,896	\$0	\$42,214	\$0	\$384,364	\$0	\$12,388	\$620,861
10 COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$0	\$179,463	\$420	\$1,824	\$0	\$41,179,272	\$913	\$23,611	\$41,385,504
11 COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$0	\$250,271	\$0	\$1,825	\$0	\$28,056,101	\$913	\$70,330	\$28,379,438
12 BUSINESS ENERGY EVALUATION	\$632,287	\$4,350,909	\$36,115	\$659,810	\$1,676,602	\$0	\$107,867	\$1,182,457	\$8,646,047
13 BUSINESS HEATING, VENTILATING & A/C	\$0	\$433,010	\$0	\$133,066	\$0	\$5,171,174	\$0	\$40,781	\$5,778,033
14 BUSINESS CUSTOM INCENTIVE	\$0	\$43,253	\$0	\$0	\$0	\$127,191	\$0	\$3,421	\$173,863
15 CONSERVATION RESEARCH & DEVELOPMENT	\$0	\$71,603	\$0	\$100,000	\$0	\$0	\$0	\$1,500	\$173,103
16 SOLAR PV FOR SCHOOLS <sup>(1)</sup>	\$1,063,326	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,063,326
17 COMMON EXPENSES	\$774,842	\$5,186,522	\$2,552	\$871,244	\$0	\$0	\$21,580	\$912,563	\$7,769,304
18 RECOVERABLE CONSERVATION EXPENSES	\$12,592,403	\$17,845,476	\$280,383	\$7,532,003	\$8,624,237	\$116,996,330	\$488,724	\$2,742,086	\$167,101,642

Note: Totals may not add due to rounding.

<sup>(1)</sup>Recovery of Depreciation and Return

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>RESIDENTIAL HOME ENERGY SURVEY</b>														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660
4. Depreciation Expense <sup>(a)</sup>		\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	\$27,861	334,332
5. Cumulative Investment (Line 3)	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660	\$1,671,660
6. Less: Accumulated Depreciation	\$35,797	\$63,658	\$91,519	\$119,380	\$147,241	\$175,102	\$202,963	\$230,824	\$258,685	\$286,546	\$314,407	\$342,268	\$370,129	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$1,635,863	\$1,608,002	\$1,580,141	\$1,552,280	\$1,524,419	\$1,496,558	\$1,468,697	\$1,440,836	\$1,412,975	\$1,385,114	\$1,357,253	\$1,329,392	\$1,301,531	
9. Average Net Investment		\$1,621,932	\$1,594,071	\$1,566,210	\$1,538,349	\$1,510,488	\$1,482,627	\$1,454,766	\$1,426,905	\$1,399,044	\$1,371,183	\$1,343,322	\$1,315,461	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$6,374	\$6,264	\$6,155	\$6,045	\$5,936	\$5,826	\$5,717	\$5,607	\$5,498	\$5,388	\$5,279	\$5,169	
b. Equity Component grossed up for taxes (Line 10a / 0.746550)		\$8,537	\$8,391	\$8,244	\$8,098	\$7,951	\$7,804	\$7,658	\$7,511	\$7,364	\$7,218	\$7,071	\$6,924	92,771
c. Debt Component (Line 9 *debt rate*1/12) <sup>(c)</sup>		\$1,797	\$1,766	\$1,735	\$1,705	\$1,674	\$1,643	\$1,612	\$1,581	\$1,550	\$1,519	\$1,489	\$1,458	19,529
11. Total Return Requirements (Line 10b + 10c)		\$10,335	\$10,157	\$9,980	\$9,802	\$9,625	\$9,447	\$9,270	\$9,092	\$8,915	\$8,737	\$8,559	\$8,382	112,300
12. Total Depreciation & Return (Line 4 + 11)		\$38,196	\$38,018	\$37,841	\$37,663	\$37,486	\$37,308	\$37,131	\$36,953	\$36,776	\$36,598	\$36,420	\$36,243	446,632

<sup>(a)</sup> Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Dec period is 4.7156% based on the 2018 May Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Dec is 1.3297% based on the 2018 May Surveillance Report.

Totals may not add up due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>RESIDENTIAL LOAD MANAGEMENT ("ON CALL")</b>														
1. Additions/Expenditures		\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884	\$450,884
2. Investment (Net of Retirements)		\$349,927	\$373,174	\$331,280	\$369,217	\$427,336	(\$2,726,461)	\$450,884	(\$367,802)	(\$2,148,178)	\$354,973	\$337,651	\$427,294	
3. Depreciation Base		\$39,955,239	\$40,328,412	\$40,659,693	\$41,028,909	\$41,456,246	\$38,729,784	\$39,180,668	\$38,812,867	\$36,664,689	\$37,019,662	\$37,357,313	\$37,784,607	
4. Depreciation Expense <sup>(a)</sup>		\$661,516	\$667,386	\$673,202	\$679,813	\$660,675	\$641,739	\$642,431	\$621,465	\$606,522	\$612,293	\$618,668	\$625,986	7,711,697
5. Cumulative Investment (Line 3)	\$39,605,311	\$39,955,239	\$40,328,412	\$40,659,693	\$41,028,909	\$41,456,246	\$38,729,784	\$39,180,668	\$38,812,867	\$36,664,689	\$37,019,662	\$37,357,313	\$37,784,607	
6. Less: Accumulated Depreciation	\$18,641,762	\$19,202,321	\$19,791,998	\$20,345,596	\$20,941,188	\$21,575,099	\$19,039,493	\$19,681,925	\$19,484,704	\$17,492,164	\$18,008,546	\$18,513,982	\$19,116,378	
7. CWIP Balance Eligible for Return	\$5,771	\$5,771	\$5,771	\$5,771	\$3,216	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
8. Net Investment (Line 5-6+7)	\$20,969,320	\$20,758,688	\$20,542,186	\$20,319,867	\$20,090,938	\$19,881,146	\$19,690,291	\$19,498,744	\$19,328,163	\$19,172,525	\$19,011,115	\$18,843,331	\$18,668,229	
9. Average Net Investment		\$20,864,004	\$20,650,437	\$20,431,027	\$20,205,403	\$19,986,042	\$19,785,719	\$19,594,517	\$19,413,453	\$19,250,344	\$19,091,820	\$18,927,223	\$18,755,780	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$81,989	\$81,149	\$80,287	\$79,400	\$78,538	\$77,751	\$77,000	\$76,288	\$75,647	\$75,024	\$74,378	\$73,704	
b. Equity Component grossed up for taxes (Line 10a / 0.746550)		\$109,823	\$108,699	\$107,544	\$106,357	\$105,202	\$104,147	\$103,141	\$102,188	\$101,329	\$100,495	\$99,629	\$98,726	1,247,280
c. Debt Component (Line 9 *debt rate*1/12) <sup>(c)</sup>		\$23,119	\$22,882	\$22,639	\$22,389	\$22,146	\$21,924	\$21,712	\$21,512	\$21,331	\$21,155	\$20,973	\$20,783	262,567
11. Total Return Requirements (Line 10b + 10c)		\$132,942	\$131,582	\$130,183	\$128,746	\$127,348	\$126,072	\$124,853	\$123,700	\$122,660	\$121,650	\$120,601	\$119,509	1,509,847
12. Total Depreciation & Return (Line 4 + 11)		\$794,458	\$798,968	\$803,386	\$808,559	\$788,023	\$767,811	\$767,285	\$745,165	\$729,182	\$733,944	\$739,269	\$745,495	9,221,544

<sup>(a)</sup> Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Dec period is 4.7156% based on the 2018 May Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Dec is 1.3297% based on the 2018 May Surveillance Report.

Totals may not add up due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>BUSINESS ON CALL</b>														
1. Additions/Expenditures		\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187	\$22,187
2. Investment (Net of Retirements)		\$17,219	\$18,363	\$16,302	\$18,168	\$21,028	(\$134,163)	\$22,187	(\$18,099)	(\$105,707)	\$17,467	\$16,615	\$21,026	
3. Depreciation Base		\$1,966,111	\$1,984,474	\$2,000,776	\$2,018,944	\$2,039,973	\$1,905,809	\$1,927,996	\$1,909,898	\$1,804,190	\$1,821,658	\$1,838,273	\$1,859,299	
4. Depreciation Expense <sup>(a)</sup>		\$32,552	\$32,841	\$33,127	\$33,452	\$32,510	\$31,579	\$31,613	\$30,581	\$29,846	\$30,130	\$30,443	\$30,803	379,476
5. Cumulative Investment (Line 3)	\$1,948,892	\$1,966,111	\$1,984,474	\$2,000,776	\$2,018,944	\$2,039,973	\$1,905,809	\$1,927,996	\$1,909,898	\$1,804,190	\$1,821,658	\$1,838,273	\$1,859,299	
6. Less: Accumulated Depreciation	\$917,321	\$944,905	\$973,922	\$1,001,163	\$1,030,471	\$1,061,664	\$936,892	\$968,505	\$958,800	\$860,752	\$886,162	\$911,033	\$940,676	
7. CWIP Balance Eligible for Return	\$284	\$284	\$284	\$284	\$158	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
8. Net Investment (Line 5-6+7)	\$1,031,855	\$1,021,490	\$1,010,837	\$999,897	\$988,632	\$978,308	\$968,917	\$959,491	\$951,097	\$943,439	\$935,496	\$927,240	\$918,623	
9. Average Net Investment		\$1,026,673	\$1,016,164	\$1,005,367	\$994,264	\$983,470	\$973,613	\$964,204	\$955,294	\$947,268	\$939,467	\$931,368	\$922,932	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$4,034	\$3,993	\$3,951	\$3,907	\$3,865	\$3,826	\$3,789	\$3,754	\$3,722	\$3,692	\$3,660	\$3,627	
b. Equity Component grossed up for taxes (Line 10a / 0.746550)		\$5,404	\$5,349	\$5,292	\$5,234	\$5,177	\$5,125	\$5,075	\$5,028	\$4,986	\$4,945	\$4,903	\$4,858	61,376
c. Debt Component (Line 9 *debt rate*1/12) <sup>(c)</sup>		\$1,138	\$1,126	\$1,114	\$1,102	\$1,090	\$1,079	\$1,068	\$1,059	\$1,050	\$1,041	\$1,032	\$1,023	12,920
11. Total Return Requirements (Line 10b + 10c)		\$6,542	\$6,475	\$6,406	\$6,335	\$6,267	\$6,204	\$6,144	\$6,087	\$6,036	\$5,986	\$5,935	\$5,881	74,296
12. Total Depreciation & Return (Line 4 + 11)		\$39,094	\$39,315	\$39,533	\$39,787	\$38,777	\$37,782	\$37,756	\$36,668	\$35,881	\$36,116	\$36,378	\$36,684	453,772

<sup>(a)</sup> Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Dec period is 4.7156% based on the 2018 May Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Dec is 1.3297% based on the 2018 May Surveillance Report.

Totals may not add up due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>BUSINESS ENERGY EVALUATION</b>														
1. Additions/Expenditures		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$0	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$472,673	\$0	\$0	
3. Depreciation Base		\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,646,838	\$2,646,838	\$2,646,838	
4. Depreciation Expense <sup>(a)</sup>		\$36,236	\$36,236	\$36,236	\$36,236	\$36,236	\$36,236	\$36,236	\$36,236	\$36,236	\$40,175	\$44,114	\$44,114	454,528
5. Cumulative Investment (Line 3)	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,174,164	\$2,646,838	\$2,646,838	\$2,646,838	
6. Less: Accumulated Depreciation	\$18,118	\$54,354	\$90,590	\$126,826	\$163,062	\$199,298	\$235,535	\$271,771	\$308,007	\$344,243	\$384,418	\$428,532	\$472,646	
7. CWIP Balance Eligible for Return	\$247,673	\$272,673	\$297,673	\$322,673	\$347,673	\$372,673	\$397,673	\$422,673	\$447,673	\$472,673	\$0	\$0	\$0	
8. Net Investment (Line 5-6+7)	\$2,403,720	\$2,392,484	\$2,381,248	\$2,370,011	\$2,358,775	\$2,347,539	\$2,336,303	\$2,325,067	\$2,313,831	\$2,302,595	\$2,262,420	\$2,218,306	\$2,174,192	
9. Average Net Investment		\$2,398,102	\$2,386,866	\$2,375,630	\$2,364,393	\$2,353,157	\$2,341,921	\$2,330,685	\$2,319,449	\$2,308,213	\$2,282,507	\$2,240,363	\$2,196,249	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$9,424	\$9,380	\$9,335	\$9,291	\$9,247	\$9,203	\$9,159	\$9,115	\$9,071	\$8,969	\$8,804	\$8,631	
b. Equity Component grossed up for taxes (Line 10a / 0.746550)		\$12,623	\$12,564	\$12,505	\$12,446	\$12,386	\$12,327	\$12,268	\$12,209	\$12,150	\$12,015	\$11,793	\$11,561	146,846
c. Debt Component Component ( Line 9 *debt rate*1/12) <sup>(c)</sup>		\$2,657	\$2,645	\$2,632	\$2,620	\$2,607	\$2,595	\$2,583	\$2,570	\$2,558	\$2,529	\$2,483	\$2,434	30,913
11. Total Return Requirements (Line 10b + 10c)		\$15,280	\$15,209	\$15,137	\$15,066	\$14,994	\$14,922	\$14,851	\$14,779	\$14,708	\$14,544	\$14,275	\$13,994	177,759
12. Total Depreciation & Return (Line 4 + 11)		\$51,516	\$51,445	\$51,373	\$51,302	\$51,230	\$51,158	\$51,087	\$51,015	\$50,944	\$54,719	\$58,389	\$58,108	632,287

<sup>(a)</sup> Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Dec period is 4.7156% based on the 2018 May Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Dec is 1.3297% based on the 2018 May Surveillance Report.

Totals may not add up due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>SOLAR PV FOR SCHOOLS</b>														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		(\$357,895)	(\$556,059)	(\$794,161)	(\$119,620)	\$0	\$0	\$0	\$0	(\$1,409,123)	(\$1,007,775)	(\$7,000)	(\$952,319)	
3. Depreciation Base		\$6,852,611	\$6,296,552	\$5,502,391	\$5,382,771	\$5,382,771	\$5,382,771	\$5,382,771	\$5,382,771	\$3,973,648	\$2,965,873	\$2,958,873	\$2,006,554	
4. Depreciation Expense <sup>(a)</sup>		\$117,193	\$109,576	\$98,325	\$90,710	\$89,713	\$89,713	\$89,713	\$89,713	\$77,970	\$57,829	\$49,373	\$41,379	1,001,207
5. Cumulative Investment (Line 3)	\$7,210,506	\$6,852,611	\$6,296,552	\$5,502,391	\$5,382,771	\$5,382,771	\$5,382,771	\$5,382,771	\$5,382,771	\$3,973,648	\$2,965,873	\$2,958,873	\$2,006,554	
6. Less: Accumulated Depreciation	\$5,825,702	\$5,585,000	\$5,138,517	\$4,442,681	\$4,413,770	\$4,503,483	\$4,593,196	\$4,682,909	\$4,772,622	\$3,441,469	\$2,491,523	\$2,533,896	\$1,622,956	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
8. Net Investment (Line 5-6+7)	\$1,384,804	\$1,267,611	\$1,158,035	\$1,059,710	\$969,001	\$879,288	\$789,575	\$699,862	\$610,149	\$532,179	\$474,350	\$424,977	\$383,598	
9. Average Net Investment		\$1,326,208	\$1,212,823	\$1,108,873	\$1,014,356	\$924,145	\$834,432	\$744,719	\$655,006	\$571,164	\$503,265	\$449,664	\$404,288	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$5,212	\$4,766	\$4,357	\$3,986	\$3,632	\$3,279	\$2,926	\$2,574	\$2,244	\$1,978	\$1,767	\$1,589	
b. Equity Component grossed up for taxes (Line 10a / 0.746550)		\$6,981	\$6,384	\$5,837	\$5,339	\$4,864	\$4,392	\$3,920	\$3,448	\$3,006	\$2,649	\$2,367	\$2,128	51,316
c. Debt Component Component ( Line 9 *debt rate*1/12) <sup>(c)</sup>		\$1,470	\$1,344	\$1,229	\$1,124	\$1,024	\$925	\$825	\$726	\$633	\$558	\$498	\$448	10,803
11. Total Return Requirements (Line 10b + 10c)		\$8,450	\$7,728	\$7,066	\$6,463	\$5,889	\$5,317	\$4,745	\$4,174	\$3,639	\$3,207	\$2,865	\$2,576	62,119
12. Total Depreciation & Return (Line 4 + 11)		\$125,643	\$117,304	\$105,391	\$97,173	\$95,602	\$95,030	\$94,458	\$93,887	\$81,609	\$61,036	\$52,238	\$43,955	1,063,326

<sup>(a)</sup> Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Dec period is 4.7156% based on the 2018 May Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Dec is 1.3297% based on the 2018 May Surveillance Report.

Totals may not add up due to rounding.



FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-2

ESTIMATED FOR THE PERIOD OF : JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>COMMON EXPENSES</b>														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168
4. Depreciation Expense <sup>(a)</sup>		\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	673,034
5. Cumulative Investment (Line 3)	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168
6. Less: Accumulated Depreciation	\$1,697,161	\$1,753,247	\$1,809,334	\$1,865,420	\$1,921,506	\$1,977,592	\$2,033,678	\$2,089,764	\$2,145,850	\$2,201,937	\$2,258,023	\$2,314,109	\$2,370,195	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$1,668,007	\$1,611,921	\$1,555,834	\$1,499,748	\$1,443,662	\$1,387,576	\$1,331,490	\$1,275,404	\$1,219,318	\$1,163,232	\$1,107,145	\$1,051,059	\$994,973	
9. Average Net Investment		\$1,639,964	\$1,583,878	\$1,527,791	\$1,471,705	\$1,415,619	\$1,359,533	\$1,303,447	\$1,247,361	\$1,191,275	\$1,135,188	\$1,079,102	\$1,023,016	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$6,445	\$6,224	\$6,004	\$5,783	\$5,563	\$5,343	\$5,122	\$4,902	\$4,681	\$4,461	\$4,241	\$4,020	
b. Equity Component grossed up for taxes (Line 10a / 0.746550)		\$8,632	\$8,337	\$8,042	\$7,747	\$7,451	\$7,156	\$6,861	\$6,566	\$6,271	\$5,975	\$5,680	\$5,385	84,104
c. Debt Component (Line 9 *debt rate*1/12) <sup>(c)</sup>		\$1,817	\$1,755	\$1,693	\$1,631	\$1,569	\$1,506	\$1,444	\$1,382	\$1,320	\$1,258	\$1,196	\$1,134	17,705
11. Total Return Requirements (Line 10b + 10c)		\$10,450	\$10,092	\$9,735	\$9,377	\$9,020	\$8,663	\$8,305	\$7,948	\$7,591	\$7,233	\$6,876	\$6,519	101,809
12. Total Depreciation & Return (Line 4 + 11)		\$66,536	\$66,178	\$65,821	\$65,464	\$65,106	\$64,749	\$64,392	\$64,034	\$63,677	\$63,319	\$62,962	\$62,605	774,842

<sup>(a)</sup> Depreciation expenses is based on the "Cradle-to-Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Dec period is 4.7156% based on the 2018 May Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Dec is 1.3297% based on the 2018 May Surveillance Report.

Totals may not add up due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SUMMARY OF ECCR CALCULATION

SCHEDULE C-3

JANUARY THROUGH JUNE 2018 : ACTUAL JULY THROUGH DECEMBER 2018: ESTIMATED										
		Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	TOTAL PROGRAM EXPENSES
1 RESIDENTIAL HOME ENERGY SURVEY	Actual	\$87,754	\$1,862,653	\$4,972	\$989,476	\$684,598	\$0	\$322,577	\$130,647	\$4,082,676
	Estimate	\$119,130	\$2,016,532	\$19,005	\$990,932	\$6,243,447	\$0	\$181,754	\$455,808	\$10,026,608
	Total	\$206,884	\$3,879,185	\$23,977	\$1,980,408	\$6,928,045	\$0	\$504,331	\$586,455	\$14,109,284
2 RESIDENTIAL CEILING INSULATION	Actual	\$0	\$57,037	\$0	\$13,726	\$0	\$278,350	\$0	\$2,255	\$351,367
	Estimate	\$0	\$45,847	\$0	\$3,160	\$0	\$478,974	\$0	\$4,295	\$532,276
	Total	\$0	\$102,884	\$0	\$16,886	\$0	\$757,324	\$0	\$6,550	\$883,643
3 RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	Actual	\$4,394,321	\$1,135,249	\$97,003	\$1,814,521	\$0	\$16,203,152	\$4,363	\$325,036	\$23,973,647
	Estimate	\$4,387,257	\$1,376,832	\$122,124	\$2,094,354	\$0	\$17,611,926	\$34,790	\$263,176	\$25,890,461
	Total	\$8,781,578	\$2,512,081	\$219,127	\$3,908,875	\$0	\$33,815,078	\$39,153	\$588,212	\$49,864,107
4 RESIDENTIAL AIR CONDITIONING	Actual	\$0	\$398,377	\$126	\$102,338	\$0	\$1,712,550	\$1	\$8,866	\$2,222,258
	Estimate	\$0	\$290,449	\$3,001	\$47,030	\$0	\$2,132,813	\$17,285	\$20,074	\$2,510,652
	Total	\$0	\$688,826	\$3,127	\$149,368	\$0	\$3,845,363	\$17,286	\$28,940	\$4,732,910
5 RESIDENTIAL NEW CONSTRUCTION (BUILDSMAR	Actual	\$0	\$195,541	\$113	\$39,434	\$0	\$4,250	\$0	\$16,550	\$255,887
	Estimate	\$0	\$164,767	\$0	\$45,004	\$0	\$8,885	\$0	\$24,607	\$243,263
	Total	\$0	\$360,308	\$113	\$84,438	\$0	\$13,135	\$0	\$41,157	\$499,150
6 RESIDENTIAL LOW-INCOME WEATHERIZATION	Actual	\$0	\$155,682	\$3,706	\$1,951	\$0	\$40,831	\$0	\$45,811	\$247,982
	Estimate	\$0	\$175,245	\$10,026	\$4,789	\$0	\$23,479	\$20,166	\$16,511	\$250,216
	Total	\$0	\$330,927	\$13,732	\$6,740	\$0	\$64,310	\$20,166	\$62,322	\$498,198
7 BUSINESS ON CALL	Actual	\$216,666	\$23,695	\$11	\$31,607	\$0	\$1,315,615	\$0	\$10,347	\$1,597,941
	Estimate	\$216,215	\$22,882	\$0	\$25,134	\$0	\$1,729,940	\$0	\$11,586	\$2,005,757
	Total	\$432,881	\$46,577	\$11	\$56,741	\$0	\$3,045,555	\$0	\$21,933	\$3,603,698
8 COGENERATION & SMALL POWER PRODUCTION	Actual	\$0	\$196,324	\$0	\$0	\$0	\$0	\$0	(\$120,454)	\$75,869
	Estimate	\$0	\$188,381	\$0	\$6,770	\$0	\$0	\$0	(\$75,775)	\$119,376
	Total	\$0	\$384,705	\$0	\$6,770	\$0	\$0	\$0	(\$196,229)	\$195,245
9 BUSINESS EFFICIENT LIGHTING	Actual	\$0	\$62,649	\$0	\$37,785	\$0	\$442,079	\$0	\$3,504	\$546,016
	Estimate	\$0	\$88,416	\$0	\$8,878	\$0	\$313,280	\$0	\$1,983	\$412,557
	Total	\$0	\$151,065	\$0	\$46,663	\$0	\$755,359	\$0	\$5,487	\$958,573
10 COMMERCIAL/INDUSTRIAL LOAD CONTROL	Actual	\$0	\$91,080	\$39	\$20,667	\$0	\$19,620,030	\$0	\$11,185	\$19,743,001
	Estimate	\$0	\$95,257	\$0	\$20,303	\$0	\$20,850,999	\$0	\$11,852	\$20,978,411
	Total	\$0	\$186,337	\$39	\$40,970	\$0	\$40,471,029	\$0	\$23,037	\$40,721,410

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SUMMARY OF ECCR CALCULATION

SCHEDULE C-3

	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	TOTAL PROGRAM EXPENSES
11 COMMERCIAL/INDUSTRIAL DEMAND REDUCTION									
Actual	\$0	\$123,412	\$69	\$12,060	\$0	\$10,287,995	\$0	\$16,108	\$10,439,643
Estimate	\$0	\$122,038	\$0	\$4,500	\$0	\$13,379,060	\$0	\$31,362	\$13,536,960
Total	\$0	\$245,450	\$69	\$16,560	\$0	\$23,667,055	\$0	\$47,470	\$23,976,603
12 BUSINESS ENERGY EVALUATION									
Actual	\$47,091	\$2,158,926	\$577	\$285,004	(\$422,797)	\$0	\$7,372	\$168,854	\$2,245,026
Estimate	\$97,665	\$2,301,501	\$16,606	\$483,829	\$1,996,356	\$0	\$87,296	\$518,527	\$5,501,779
Total	\$144,756	\$4,460,427	\$17,183	\$768,833	\$1,573,559	\$0	\$94,668	\$687,381	\$7,746,805
13 BUSINESS HEATING, VENTILATING & A/C									
Actual	\$0	\$203,827	\$0	\$127,870	\$0	\$1,632,400	\$3,052	\$9,154	\$1,976,304
Estimate	\$0	\$210,461	\$0	\$28,028	\$0	\$2,906,241	\$0	\$21,574	\$3,166,305
Total	\$0	\$414,288	\$0	\$155,898	\$0	\$4,538,641	\$3,052	\$30,728	\$5,142,609
14 BUSINESS CUSTOM INCENTIVE									
Actual	\$0	\$14,612	\$0	\$1,914	\$0	\$9,365	\$0	\$441	\$26,332
Estimate	\$0	\$21,018	\$0	\$0	\$0	\$200,438	\$0	\$291	\$221,747
Total	\$0	\$35,630	\$0	\$1,914	\$0	\$209,803	\$0	\$732	\$248,079
15 CONSERVATION RESEARCH & DEVELOPMENT									
Actual	\$0	\$10,762	\$0	\$0	\$0	\$0	\$0	\$3,478	\$14,241
Estimate	\$0	\$4,088	\$0	\$126,075	\$0	\$0	\$0	\$0	\$130,163
Total	\$0	\$14,850	\$0	\$126,075	\$0	\$0	\$0	\$3,478	\$144,404
16 SOLAR PV FOR SCHOOLS									
Actual	\$1,022,595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,022,595
Estimate	\$891,060	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$891,060
Total	\$1,913,655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,913,655
17 COMMON EXPENSES									
Actual	\$397,617	\$2,527,671	\$4,898	\$229,598	\$0	\$0	\$1,337	\$493,587	\$3,654,707
Estimate	\$406,719	\$2,364,502	\$183	\$669,127	\$0	\$0	\$12,708	\$465,694	\$3,918,933
Total	\$804,336	\$4,892,173	\$5,081	\$898,725	\$0	\$0	\$14,045	\$959,281	\$7,573,641
18 RECOVERABLE CONSERVATION EXPENSES									
Actual	\$6,166,044	\$9,217,497	\$111,514	\$3,707,951	\$261,801	\$51,546,617	\$338,702	\$1,125,369	\$72,475,492
Estimate	\$6,118,046	\$9,488,216	\$170,945	\$4,557,913	\$8,239,803	\$59,636,035	\$353,999	\$1,771,565	\$90,336,524
Total	\$12,284,090	\$18,705,713	\$282,459	\$8,265,864	\$8,501,604	\$111,182,652	\$692,701	\$2,896,934	\$162,812,015

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-3

ESTIMATED FOR THE PERIOD OF : JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>RESIDENTIAL HOME ENERGY SURVEY</b>														
1. Additions/Expenditures		(\$36,440)	\$112,247	\$158,614	\$103,360	\$64,590	\$74,213	\$64,781	\$128,202	\$78,880	\$79,533	\$79,595	\$127,348	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$64,781	\$128,202	\$78,880	\$79,533	(\$445,817)	\$1,240,669	
3. Depreciation Base		\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$590,192	\$718,394	\$797,275	\$876,808	\$430,991	\$1,671,660	
4. Depreciation Expense <sup>(a)</sup>		\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$8,757	\$9,297	\$10,905	\$12,631	\$9,572	\$6,520	\$17,522	\$118,988
5. Cumulative Investment (Line 3)	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$525,412	\$590,192	\$718,394	\$797,275	\$876,808	\$430,991	\$1,671,660	
6. Less: Accumulated Depreciation	\$442,221	\$450,978	\$459,735	\$468,492	\$477,249	\$486,006	\$494,763	\$504,059	\$514,964	\$527,595	\$537,167	\$18,275	\$35,797	
7. CWIP Balance Eligible for Return	\$636,737	\$600,296	\$712,544	\$871,158	\$974,518	\$1,039,107	\$1,113,321	\$1,113,321	\$1,113,321	\$1,113,321	\$1,113,321	\$1,113,321	\$0	
8. Net Investment (Line 5-6+7)	\$719,927	\$674,730	\$778,220	\$928,077	\$1,022,680	\$1,078,513	\$1,143,970	\$1,199,454	\$1,316,751	\$1,383,001	\$1,452,962	\$1,526,037	\$1,635,863	
9. Average Net Investment		\$697,328	\$726,475	\$853,149	\$975,379	\$1,050,597	\$1,111,242	\$1,171,712	\$1,258,102	\$1,349,876	\$1,417,981	\$1,489,499	\$1,580,950	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$2,804	\$2,921	\$3,430	\$3,922	\$4,224	\$4,468	\$4,604	\$4,944	\$5,305	\$5,572	\$5,853	\$6,213	\$54,261
b. Equity Component grossed up for taxes (Line 10a / .746550)		\$3,756	\$3,913	\$4,595	\$5,253	\$5,659	\$5,985	\$6,168	\$6,622	\$7,105	\$7,464	\$7,840	\$8,322	\$72,682
c. Debt Component Component (Line 9*debt rate *1/12) <sup>(c)</sup>		\$779	\$812	\$954	\$1,090	\$1,174	\$1,242	\$1,298	\$1,394	\$1,496	\$1,571	\$1,650	\$1,752	\$15,213
11. Total Return Requirements (Line 10b + 10c)		\$4,535	\$4,725	\$5,549	\$6,344	\$6,833	\$7,227	\$7,466	\$8,016	\$8,601	\$9,035	\$9,491	\$10,074	\$87,896
12. Total Depreciation & Return (Line 4 + 11)		\$13,292	\$13,482	\$14,306	\$15,100	\$15,590	\$15,984	\$16,763	\$18,921	\$21,232	\$18,607	\$16,011	\$27,596	\$206,883

<sup>(a)</sup> Depreciation Expense is based on the "Cradle to Grave" method of accounting

<sup>(b)</sup> The Equity Component for Jan-Jun 2018 period is 4.8251 % based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2018 period is 4.7156 % based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Jun 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul-Dec 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-3

ESTIMATED FOR THE PERIOD OF : JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>RESIDENTIAL LOAD MANAGEMENT ("ON CALL")</b>														
1. Additions/Expenditures		(\$140,982)	\$18,295	(\$30,197)	\$103,240	(\$636,233)	\$438,216	\$1,813,913	\$567,643	\$561,384	\$597,151	\$593,322	\$465,454	
2. Investment (Net of Retirements)		\$644,044	\$225,836	\$54,993	\$155,734	(\$2,489,647)	\$550,637	\$705,514	\$31,169	\$246,554	\$433,676	\$13,205	\$3,544,659	
3. Depreciation Base		<u>\$35,958,072</u>	<u>\$36,183,908</u>	<u>\$36,238,901</u>	<u>\$36,394,635</u>	<u>\$33,904,988</u>	<u>\$34,455,625</u>	<u>\$35,336,049</u>	<u>\$35,367,218</u>	<u>\$35,613,771</u>	<u>\$36,047,447</u>	<u>\$36,060,652</u>	<u>\$39,605,311</u>	
4. Depreciation Expense <sup>(a)</sup>		<u>\$597,394</u>	<u>\$604,643</u>	<u>\$606,984</u>	<u>\$608,740</u>	<u>\$589,290</u>	<u>\$573,132</u>	<u>\$581,037</u>	<u>\$587,688</u>	<u>\$591,155</u>	<u>\$595,229</u>	<u>\$598,822</u>	<u>\$629,361</u>	<u>\$7,163,475</u>
5. Cumulative Investment (Line 3)	\$35,314,028	\$35,958,072	\$36,183,908	\$36,238,901	\$36,394,635	\$33,904,988	\$34,455,625	\$35,336,049	\$35,367,218	\$35,613,771	\$36,047,447	\$36,060,652	\$39,605,311	
6. Less: Accumulated Depreciation	\$14,596,210	\$15,087,551	\$15,692,194	\$16,263,047	\$16,871,786	\$14,903,171	\$15,476,303	\$16,095,586	\$16,519,058	\$17,093,775	\$17,663,075	\$18,054,036	\$18,641,762	
7. CWIP Balance Eligible for Return	\$1,124,049	\$983,068	\$1,001,363	\$971,166	\$1,074,405	\$438,173	\$876,388	\$1,946,159	\$2,318,416	\$2,616,808	\$2,754,355	\$3,126,612	\$5,771	
8. Net Investment (Line 5-6+7)	<u>\$21,841,867</u>	<u>\$21,853,589</u>	<u>\$21,493,077</u>	<u>\$20,947,020</u>	<u>\$20,597,254</u>	<u>\$19,439,990</u>	<u>\$19,855,710</u>	<u>\$21,186,622</u>	<u>\$21,166,576</u>	<u>\$21,136,805</u>	<u>\$21,138,727</u>	<u>\$21,133,227</u>	<u>\$20,969,320</u>	
9. Average Net Investment		\$21,847,728	\$21,673,333	\$21,220,048	\$20,772,137	\$20,018,622	\$19,647,850	\$20,521,166	\$21,176,599	\$21,151,690	\$21,137,766	\$21,135,977	\$21,051,274	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		<u>\$87,848</u>	<u>\$87,147</u>	<u>\$85,324</u>	<u>\$83,523</u>	<u>\$80,493</u>	<u>\$79,002</u>	<u>\$80,641</u>	<u>\$83,217</u>	<u>\$83,119</u>	<u>\$83,064</u>	<u>\$83,057</u>	<u>\$82,724</u>	\$999,161
b. Equity Component grossed up for taxes (Line 10a / .746550)		\$117,672	\$116,733	\$114,291	\$111,879	\$107,820	\$105,823	\$108,019	\$111,469	\$111,338	\$111,264	\$111,255	\$110,809	\$1,338,371
c. Debt Component Component (Line 9*debt rate *1/12)		\$24,420	\$24,225	\$23,719	\$23,218	\$22,376	\$21,961	\$22,739	\$23,465	\$23,438	\$23,422	\$23,420	\$23,327	\$279,731
11. Total Return Requirements (Line 10b + 10c)		<u>\$142,092</u>	<u>\$140,958</u>	<u>\$138,010</u>	<u>\$135,097</u>	<u>\$130,196</u>	<u>\$127,785</u>	<u>\$130,758</u>	<u>\$134,934</u>	<u>\$134,775</u>	<u>\$134,687</u>	<u>\$134,675</u>	<u>\$134,136</u>	<u>\$1,618,102</u>
12. Total Depreciation & Return (Line 4 + 11)		<u>\$739,486</u>	<u>\$745,601</u>	<u>\$744,993</u>	<u>\$743,836</u>	<u>\$719,486</u>	<u>\$700,917</u>	<u>\$711,795</u>	<u>\$722,623</u>	<u>\$725,931</u>	<u>\$729,915</u>	<u>\$733,497</u>	<u>\$763,497</u>	<u>\$8,781,578</u>

<sup>(a)</sup> Depreciation Expense is based on the "Cradle to Grave" method of accounting

<sup>(b)</sup> The Equity Component for Jan-Jun 2018 period is 4.8251 % based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2018 period based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Jun 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul-Dec 2018 period is 1.3297% based on the May 2018 Earning

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-3

ESTIMATED FOR THE PERIOD OF : JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>BUSINESS ON CALL</b>														
1. Additions/Expenditures		(\$6,798)	\$882	(\$1,456)	\$4,978	(\$30,678)	\$21,130	\$89,259	\$27,932	\$27,624	\$29,385	\$29,196	\$22,904	
2. Investment (Net of Retirements)		\$31,055	\$10,889	\$2,652	\$7,509	(\$120,046)	\$26,551	\$34,717	\$1,534	\$12,132	\$21,340	\$650	\$174,425	
3. Depreciation Base		\$1,951,449	\$1,962,338	\$1,964,990	\$1,972,499	\$1,852,453	\$1,879,004	\$1,738,811	\$1,740,345	\$1,752,477	\$1,773,817	\$1,774,467	\$1,948,892	
4. Depreciation Expense <sup>(a)</sup>		\$28,805	\$29,155	\$29,268	\$29,352	\$28,414	\$27,635	\$28,592	\$28,919	\$29,089	\$29,290	\$29,467	\$30,970	\$348,955
5. Cumulative Investment (Line 3)	\$1,920,394	\$1,951,449	\$1,962,338	\$1,964,990	\$1,972,499	\$1,852,453	\$1,879,004	\$1,738,811	\$1,740,345	\$1,752,477	\$1,773,817	\$1,774,467	\$1,948,892	
6. Less: Accumulated Depreciation	\$800,145	\$823,837	\$852,992	\$880,517	\$909,869	\$814,946	\$842,582	\$792,029	\$812,867	\$841,148	\$869,162	\$888,400	\$917,321	
7. CWIP Balance Eligible for Return	\$55,436	\$48,638	\$49,520	\$48,064	\$53,042	\$22,364	\$43,494	\$95,766	\$114,084	\$128,767	\$135,536	\$153,854	\$284	
8. Net Investment (Line 5-6+7)	\$1,175,685	\$1,176,250	\$1,158,867	\$1,132,537	\$1,115,672	\$1,059,871	\$1,079,916	\$1,042,548	\$1,041,562	\$1,040,097	\$1,040,191	\$1,039,921	\$1,031,855	
9. Average Net Investment		\$1,175,967	\$1,167,558	\$1,145,702	\$1,124,104	\$1,087,771	\$1,069,893	\$1,061,232	\$1,042,055	\$1,040,829	\$1,040,144	\$1,040,056	\$1,035,888	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$4,728	\$4,695	\$4,607	\$4,520	\$4,374	\$4,302	\$4,170	\$4,095	\$4,090	\$4,087	\$4,087	\$4,071	\$51,826
b. Equity Component grossed up for taxes (Line 10a / .746550)		\$6,334	\$6,288	\$6,171	\$6,054	\$5,859	\$5,762	\$5,586	\$5,485	\$5,479	\$5,475	\$5,475	\$5,453	\$69,421
c. Debt Component Component (Line 9*debt rate *1/12) <sup>(c)</sup>		\$1,314	\$1,305	\$1,281	\$1,256	\$1,216	\$1,196	\$1,176	\$1,155	\$1,153	\$1,153	\$1,152	\$1,148	\$14,505
11. Total Return Requirements (Line 10b + 10c)		\$7,648	\$7,594	\$7,451	\$7,311	\$7,075	\$6,958	\$6,762	\$6,640	\$6,632	\$6,628	\$6,627	\$6,601	\$83,926
12. Total Depreciation & Return (Line 4 + 11)		\$36,453	\$36,748	\$36,719	\$36,663	\$35,489	\$34,594	\$35,354	\$35,559	\$35,721	\$35,918	\$36,094	\$37,570	\$432,881

<sup>(a)</sup> Depreciation Expense is based on the "Cradle to Grave" method of accounting

<sup>(b)</sup> The Equity Component for Jan-Jun 2018 period is 4.8251 % based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Jun 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul-Dec 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-3

ESTIMATED FOR THE PERIOD OF : JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>BUSINESS ENERGY EVALUATION</b>														
1. Additions/Expenditures		\$35,753	\$266,222	\$86,160	\$121,940	\$333,371	\$101,982	\$121,165	\$133,390	\$110,100	\$111,467	\$92,048	\$126,824	
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,174,164
3. Depreciation Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,174,164
4. Depreciation Expense <sup>(a)</sup>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,118
5. Cumulative Investment (Line 3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,174,164
6. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,118
7. CWIP Balance Eligible for Return	\$781,415	\$817,169	\$1,083,391	\$1,169,551	\$1,291,490	\$1,624,862	\$1,726,843	\$1,848,008	\$1,981,398	\$2,091,498	\$2,202,965	\$2,295,014	\$247,673	
8. Net Investment (Line 5-6+7)	\$781,415	\$817,169	\$1,083,391	\$1,169,551	\$1,291,490	\$1,624,862	\$1,726,843	\$1,848,008	\$1,981,398	\$2,091,498	\$2,202,965	\$2,295,014	\$247,673	
9. Average Net Investment		\$799,292	\$950,280	\$1,126,471	\$1,230,520	\$1,458,176	\$1,675,853	\$1,787,426	\$1,914,703	\$2,036,448	\$2,147,232	\$2,248,990	\$2,349,367	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$3,214	\$3,821	\$4,529	\$4,948	\$5,863	\$6,738	\$7,024	\$7,524	\$8,003	\$8,438	\$8,838	\$9,232	\$78,172
b. Equity Component grossed up for taxes (Line 10a / .74655)		\$4,305	\$5,118	\$6,067	\$6,628	\$7,854	\$9,026	\$9,409	\$10,079	\$10,719	\$11,303	\$11,838	\$12,367	\$104,712
c. Debt Component Component (Line 9*debt rate *1/12) <sup>(c)</sup>		\$893	\$1,062	\$1,259	\$1,375	\$1,630	\$1,873	\$1,981	\$2,122	\$2,257	\$2,379	\$2,492	\$2,603	\$21,927
11. Total Return Requirements (Line 10b + 10c)		\$5,198	\$6,180	\$7,326	\$8,003	\$9,484	\$10,899	\$11,389	\$12,200	\$12,976	\$13,682	\$14,330	\$14,970	\$126,638
12. Total Depreciation & Return (Line 4 + 11)		\$5,198	\$6,180	\$7,326	\$8,003	\$9,484	\$10,899	\$11,389	\$12,200	\$12,976	\$13,682	\$14,330	\$14,970	\$144,756

<sup>(a)</sup> Depreciation Expense is based on the "Cradle to Grave" method of accounting.

<sup>(b)</sup> The Equity Component for Jan-Jun 2018 period is 4.8251 % based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2018 period the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Jun 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul-Dec 2018 period is 1.3297% based on the May 2018 Earning

Totals may not add due to rounding.



FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-3

ESTIMATED FOR THE PERIOD OF : JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>SOLAR PV FOR SCHOOLS</b>														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,259,196)	(\$237,049)	(\$478,357)	\$0	\$0
3. Depreciation Base		\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$7,925,912	\$7,688,863	\$7,210,506	\$7,210,506	
4. Depreciation Expense <sup>(a)</sup>		\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$153,085	\$142,592	\$130,123	\$124,161	\$120,175	\$1,741,732
5. Cumulative Investment (Line 3)	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$9,185,108	\$7,925,912	\$7,688,863	\$7,210,506	\$7,210,506	
6. Less: Accumulated Depreciation	\$6,058,572	\$6,211,657	\$6,364,742	\$6,517,827	\$6,670,912	\$6,823,997	\$6,977,082	\$7,130,168	\$7,283,253	\$6,166,649	\$6,059,723	\$5,705,527	\$5,825,702	
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$3,126,537	\$2,973,452	\$2,820,367	\$2,667,281	\$2,514,196	\$2,361,111	\$2,208,026	\$2,054,941	\$1,901,856	\$1,759,263	\$1,629,140	\$1,504,979	\$1,384,804	
9. Average Net Investment		\$3,049,994	\$2,896,909	\$2,743,824	\$2,590,739	\$2,437,654	\$2,284,569	\$2,131,483	\$1,978,398	\$1,830,559	\$1,694,202	\$1,567,060	\$1,444,892	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$12,264	\$11,648	\$11,033	\$10,417	\$9,802	\$9,186	\$8,376	\$7,774	\$7,193	\$6,658	\$6,158	\$5,678	\$106,187
b. Equity Component grossed up for taxes (Line 10a / .746550)		\$16,427	\$15,603	\$14,778	\$13,954	\$13,129	\$12,305	\$11,220	\$10,414	\$9,636	\$8,918	\$8,249	\$7,606	\$142,237
c. Debt Component Component (Line 9*debt rate *1/12) <sup>(c)</sup>		\$3,409	\$3,238	\$3,067	\$2,896	\$2,725	\$2,554	\$2,362	\$2,192	\$2,028	\$1,877	\$1,736	\$1,601	\$29,685
11. Total Return Requirements (Line 10b + 10c)		\$19,836	\$18,841	\$17,845	\$16,850	\$15,854	\$14,858	\$13,581	\$12,606	\$11,664	\$10,795	\$9,985	\$9,207	\$171,922
12. Total Depreciation & Return (Line 4 + 11)		\$172,922	\$171,926	\$170,930	\$169,935	\$168,939	\$167,943	\$166,667	\$165,691	\$154,256	\$140,918	\$134,146	\$129,382	\$1,913,655

<sup>(a)</sup> Depreciation Expense is based on the "Cradle to Grave" method of accounting

<sup>(b)</sup> The Equity Component for Jan-Jun 2018 period is 4.8251 % based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2018 period is 4.7156 % based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Jun 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul-Dec 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE C-3

ESTIMATED FOR THE PERIOD OF : JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
<b>COMMON EXPENSES</b>														
1. Additions/Expenditures		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Investment (Net of Retirements)		(\$683,322)	\$0	\$0	\$0	(\$88,694)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3. Depreciation Base		\$3,453,862	\$3,453,862	\$3,453,862	\$3,453,862	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168
4. Depreciation Expense <sup>(a)</sup>		\$57,564	\$57,564	\$57,564	\$51,627	\$50,888	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$56,086	\$667,812
5. Cumulative Investment (Line 3)	\$4,137,184	\$3,453,862	\$3,453,862	\$3,453,862	\$3,453,862	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168	\$3,365,168
6. Less: Accumulated Depreciation	\$2,425,113	\$1,799,355	\$1,856,919	\$1,914,484	\$1,966,111	\$1,304,558	\$1,360,645	\$1,416,731	\$1,472,817	\$1,528,903	\$1,584,989	\$1,641,075	\$1,697,161	\$1,697,161
7. CWIP Balance Eligible for Return	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Net Investment (Line 5-6+7)	\$1,712,071	\$1,654,507	\$1,596,943	\$1,539,378	\$1,487,751	\$2,060,610	\$2,004,524	\$1,948,437	\$1,892,351	\$1,836,265	\$1,780,179	\$1,724,093	\$1,668,007	\$1,668,007
9. Average Net Investment		\$1,683,289	\$1,625,725	\$1,568,160	\$1,513,565	\$1,774,180	\$2,032,567	\$1,976,480	\$1,920,394	\$1,864,308	\$1,808,222	\$1,752,136	\$1,696,050	
10. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$6,768	\$6,537	\$6,305	\$6,086	\$7,134	\$8,173	\$7,767	\$7,547	\$7,326	\$7,106	\$6,885	\$6,665	\$84,299
b. Equity Component grossed up for taxes (Line 10a / .746550)		\$9,066	\$8,756	\$8,446	\$8,152	\$9,556	\$10,947	\$10,404	\$10,109	\$9,813	\$9,518	\$9,223	\$8,928	\$112,918
c. Debt Component Component (Line 9*debt rate **1/12) <sup>(c)</sup>		\$1,881	\$1,817	\$1,753	\$1,692	\$1,983	\$2,272	\$2,190	\$2,128	\$2,066	\$2,004	\$1,942	\$1,879	\$23,607
11. Total Return Requirements (Line 10b + 10c)		\$10,948	\$10,573	\$10,199	\$9,844	\$11,539	\$13,219	\$12,594	\$12,236	\$11,879	\$11,522	\$11,164	\$10,807	\$136,524
12. Total Depreciation & Return (Line 4 + 11)		\$68,512	\$68,138	\$67,763	\$61,471	\$62,427	\$69,305	\$68,680	\$68,323	\$67,965	\$67,608	\$67,250	\$66,893	\$804,336

<sup>(a)</sup> Depreciation Expense is based on the "Cradle to Grave" method of accounting

<sup>(b)</sup> The Equity Component for Jan-Jun 2018 period is 4.8251 % based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for July-Dec 2018 period is 4.7156 % based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

<sup>(c)</sup> The Debt Component for Jan-Jun 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul-Dec 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SUMMARY OF ECCR CALCULATION

SCHEDULE C-3

JANUARY THROUGH JUNE 2018 : ACTUAL JULY THROUGH DECEMBER 2018: ESTIMATED														
	PROGRAM TITLE	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1	RESIDENTIAL HOME ENERGY SURVEY	\$511,329	\$521,250	\$576,351	\$529,307	\$1,732,896	\$211,543	\$1,806,496	\$1,910,902	\$1,593,240	\$1,687,766	\$1,395,293	\$1,632,910	\$14,109,284
2	RESIDENTIAL CEILING INSULATION	\$24,642	\$57,972	\$61,678	\$61,656	\$69,807	\$75,613	\$90,764	\$122,042	\$95,942	\$86,506	\$74,977	\$62,043	\$883,643
3	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")	\$3,454,511	\$3,332,957	\$3,390,997	\$4,601,342	\$4,672,819	\$4,521,023	\$4,690,810	\$4,764,386	\$4,759,022	\$4,801,897	\$3,394,063	\$3,480,280	\$49,864,107
4	RESIDENTIAL AIR CONDITIONING	\$317,335	\$299,027	\$394,758	\$364,214	\$457,580	\$389,344	\$435,089	\$531,743	\$340,650	\$528,344	\$349,578	\$325,247	\$4,732,910
5	RESIDENTIAL NEW CONSTRUCTION (BUILDSMART®)	\$41,572	\$42,431	\$50,557	\$40,059	\$46,041	\$35,230	\$37,655	\$55,501	\$40,576	\$39,303	\$35,452	\$34,775	\$499,150
6	RESIDENTIAL LOW-INCOME WEATHERIZATION	\$37,333	\$47,389	\$44,769	\$43,795	\$46,774	\$27,921	\$28,261	\$34,441	\$41,715	\$51,464	\$48,882	\$45,454	\$498,198
7	BUSINESS ON CALL	\$43,125	\$43,653	\$55,057	\$481,086	\$487,532	\$487,488	\$483,394	\$482,309	\$475,371	\$474,657	\$44,321	\$45,705	\$3,603,698
8	COGENERATION & SMALL POWER PRODUCTION	\$11,889	\$25,556	\$3,254	\$11,151	\$12,359	\$11,660	\$20,137	\$21,573	\$17,259	\$21,573	\$20,136	\$18,697	\$195,245
9	BUSINESS EFFICIENT LIGHTING	\$77,003	\$37,630	\$236,694	\$60,968	\$51,608	\$82,113	\$177,962	\$28,848	\$13,799	\$162,005	\$15,218	\$14,725	\$958,573
10	COMMERCIAL/INDUSTRIAL LOAD CONTROL	\$3,117,196	\$2,428,245	\$2,520,850	\$3,338,444	\$2,787,854	\$5,550,412	\$3,476,525	\$3,511,022	\$2,890,206	\$2,837,779	\$2,839,479	\$5,423,399	\$40,721,410
11	COMMERCIAL/INDUSTRIAL DEMAND REDUCTION	\$1,466,550	\$1,515,901	\$1,551,448	\$1,723,136	\$2,017,022	\$2,165,588	\$2,381,904	\$2,426,036	\$2,415,136	\$2,317,174	\$2,046,941	\$1,949,768	\$23,976,603
12	BUSINESS ENERGY EVALUATION	\$278,464	\$390,270	\$425,668	\$565,263	\$468,650	\$116,711	\$784,191	\$846,136	\$810,731	\$902,728	\$860,935	\$1,297,057	\$7,746,805
13	BUSINESS HEATING, VENTILATING & A/C	\$647,271	\$310,875	\$217,286	\$330,524	\$190,518	\$279,830	\$638,279	\$593,252	\$444,984	\$1,024,621	\$262,740	\$202,429	\$5,142,609
14	BUSINESS CUSTOM INCENTIVE	\$2,405	\$2,090	\$3,765	\$2,203	\$3,676	\$12,193	\$45,594	\$82,860	\$3,249	\$72,328	\$14,282	\$3,435	\$248,079
15	CONSERVATION RESEARCH & DEVELOPMENT	\$17,063	(\$8,395)	\$1,453	\$1,297	\$1,481	\$1,341	\$0	\$0	\$75,000	\$1,425	\$1,363	\$52,376	\$144,404
16	SOLAR PV FOR SCHOOLS	\$172,922	\$171,926	\$170,930	\$169,935	\$168,939	\$167,943	\$166,667	\$165,691	\$154,256	\$140,918	\$134,146	\$129,382	\$1,913,655
17	COMMON EXPENSES	\$572,088	\$545,030	\$634,981	\$714,662	\$574,630	\$613,317	\$605,147	\$676,153	\$591,401	\$698,537	\$701,705	\$645,991	\$7,573,641
18	RECOVERABLE CONSERVATION EXPENSES	<u>\$10,792,697</u>	<u>\$9,763,808</u>	<u>\$10,340,497</u>	<u>\$13,039,041</u>	<u>\$13,790,186</u>	<u>\$14,749,271</u>	<u>\$15,868,875</u>	<u>\$16,252,895</u>	<u>\$14,762,537</u>	<u>\$15,849,025</u>	<u>\$12,239,511</u>	<u>\$15,363,673</u>	<u>\$162,812,015</u>

Note : Totals may not add up due to rounding

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CONSERVATION TRUE-UP CALCULATION

SCHEDULE C-3

JANUARY THROUGH JUNE 2018: ACTUAL THROUGH DECEMBER 2018: ESTIMATED													
	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
<b>CONSERVATION PROGRAM REVENUES</b>													
1. Conservation Clause Revenues (Net of Revenue Taxes)	\$11,811,597	\$11,080,002	\$11,022,765	\$11,523,671	\$12,516,078	\$13,443,667	\$15,145,827	\$14,944,366	\$14,871,325	\$14,239,299	\$11,704,661	\$11,525,321	\$153,828,578
2. Adjustment Not Applicable to Period - Prior True-Up	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$1,138,833	\$13,665,996
3. Conservation Revenues Applicable to Period (Line 1 + 2)	\$12,950,430	\$12,218,835	\$12,161,598	\$12,662,504	\$13,654,911	\$14,582,500	\$16,284,660	\$16,083,199	\$16,010,158	\$15,378,132	\$12,843,494	\$12,664,154	\$167,494,574
4. Conservation Expenses	\$10,792,697	\$9,763,808	\$10,340,497	\$13,039,041	\$13,790,186	\$14,749,271	\$15,868,875	\$16,252,895	\$14,762,537	\$15,849,025	\$12,239,511	\$15,363,673	\$162,812,015
5. True-Up This Period (Line 5 - 6)	\$2,157,733	\$2,455,027	\$1,821,101	(\$376,536)	(\$135,275)	(\$166,771)	\$415,785	(\$169,696)	\$1,247,621	(\$470,893)	\$603,983	(\$2,699,519)	\$4,682,559
6. Interest Provision for the Month (Page Line 10)	\$28,896	\$30,812	\$36,307	\$38,119	\$36,118	\$35,369	\$34,764	\$33,145	\$32,209	\$31,023	\$29,304	\$25,744	\$391,809
7. True-Up & Interest Provision Beginning of Month	\$13,665,996	\$14,713,793	\$16,060,798	\$16,779,373	\$15,302,123	\$14,064,133	\$12,793,898	\$12,105,614	\$10,830,229	\$10,971,226	\$9,392,523	\$8,886,977	\$13,665,996
7a. Deferred True-Up Beginning of Period	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400	\$8,637,400
8. Prior True-Up Collected/(Refunded)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$1,138,833)	(\$13,665,996)
9. End of Period True-Up - Over/(Under) Recovery (Line 5+6+7+7a+8+9)	\$23,351,193	\$24,698,199	\$25,416,774	\$23,939,523	\$22,701,534	\$21,431,299	\$20,743,014	\$19,467,629	\$19,608,626	\$18,029,923	\$17,524,377	\$13,711,769	\$13,711,769

Note: Totals may not add due to rounding.

FLORIDA POWER AND LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CONSERVATION TRUE-UP CALCULATION

SCHEDULE C-3

JANUARY THROUGH JUNE 2018: ACTUAL THROUGH DECEMBER 2018: ESTIMATED

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
<b>INTEREST PROVISION</b>													
1. Beginning True-Up Amount (Page 22, Line 7+7a)	\$22,303,396	\$23,351,193	\$24,698,199	\$25,416,774	\$23,939,523	\$22,701,534	\$21,431,299	\$20,743,014	\$19,467,629	\$19,608,626	\$18,029,923	\$17,524,377	N/A
2. Ending True-Up Amount Before Interest ( Page 22, Line 5+7+7a+8)	\$23,322,297	\$24,667,387	\$25,380,467	\$23,901,404	\$22,665,415	\$21,395,930	\$20,708,250	\$19,434,485	\$19,576,417	\$17,998,900	\$17,495,073	\$13,686,025	N/A
3. Total of Beginning & Ending True-Up (Line C1 + C2)	\$45,625,693	\$48,018,580	\$50,078,665	\$49,318,178	\$46,604,938	\$44,097,463	\$42,139,549	\$40,177,499	\$39,044,046	\$37,607,526	\$35,524,996	\$31,210,402	N/A
4. Average True-Up Amount (50% of Line C3)	\$22,812,846	\$24,009,290	\$25,039,333	\$24,659,089	\$23,302,469	\$22,048,732	\$21,069,775	\$20,088,750	\$19,522,023	\$18,803,763	\$17,762,498	\$15,605,201	N/A
5. Interest Rate - First Day of Reporting Business Month	1.58000%	1.46000%	1.62000%	1.86000%	1.85000%	1.87000%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	N/A
6. Interest Rate - First Day of Subsequent Business Month	1.46000%	1.62000%	1.86000%	1.85000%	1.87000%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	N/A
7. Total (Line C5 + C6)	3.04000%	3.08000%	3.48000%	3.71000%	3.72000%	3.85000%	3.96000%	3.96000%	3.96000%	3.96000%	3.96000%	3.96000%	N/A
8. Average Interest Rate (50% of Line C7)	1.52000%	1.54000%	1.74000%	1.85500%	1.86000%	1.92500%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	1.98000%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.12667%	0.12833%	0.14500%	0.15458%	0.15500%	0.16042%	0.16500%	0.16500%	0.16500%	0.16500%	0.16500%	0.16500%	N/A
10. Interest Provision for the Month (Line C4 x C9)	\$28,896	\$30,812	\$36,307	\$38,119	\$36,118	\$35,369	\$34,764	\$33,145	\$32,209	\$31,023	\$29,304	\$25,744	\$391,809

Note: Totals may not add due to rounding.

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C-3, Pages 13-14	Anita Sharma
C-3, Pages 15-20	Rena B. Deaton
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C-5, Pages 25- 28	Anita Sharma

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 9  
PARTY: FLORIDA POWER & LIGHT  
COMPANY (FPL) - (DIRECT)  
DESCRIPTION: Anita Sharma AS-2

SCHEDULE C-5

**FPL DSM Program & Pilot Descriptions**

FPL's DSM programs are designed to reduce energy consumption and growth of coincident peak demand.

**1. Residential Home Energy Survey (HES)**

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The HES is also used to identify potential candidates for other FPL DSM programs.

**2. Residential Ceiling Insulation**

This program encourages customers to improve the home's thermal efficiency.

**3. Residential Load Management (On-Call)**

This program allows FPL to turn off certain customer-selected appliances using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

**4. Residential Air-Conditioning**

This program encourages customers to install high-efficiency central air-conditioning systems.

**5. Residential New Construction (BuildSmart®)**

This program encourages builders and developers to design and construct new homes that achieve BuildSmart® certification and move towards ENERGY STAR® qualifications.

**6. Residential Low Income**

This program assists low income customers through state Weatherization Assistance Provider (WAP) agencies and FPL-conducted Energy Retrofits.

**7. Business On Call**

This program allows FPL to turn off customers' direct expansion central air-conditioning units using FPL-installed equipment during periods of extreme demand, capacity shortages or system emergencies.

**8. Cogeneration and Small Power Production**

This program facilitates the interconnection and administration of contracts for co-generators and small power producers.

**9. Business Lighting**

This program encourages customers to install high-efficiency lighting systems.

**10. Commercial/Industrial Load Control (CILC)**

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies. It was closed to new participants as of December 31, 2000. It is available to existing participants who had entered into a CILC agreement as of March 19, 1996.



SCHEDULE C-5

**11. Commercial/Industrial Demand Reduction (CDR)**

This program allows FPL to control customer loads of 200 kW or greater during periods of extreme demand, capacity shortages or system emergencies.

**FPL DSM Program & Pilot Descriptions (cont'd)**

**12. Business Energy Evaluation (BEE)**

This program educates customers on energy efficiency and encourages implementation of recommended practices and measures, even if these are not included in FPL's DSM programs. The BEE is also used to identify potential candidates for other FPL DSM programs

**13. Business Heating, Ventilating & AC (HVAC)**

This program encourages customers to install high-efficiency HVAC systems.

**14. Business Custom Incentive (BCI)**

This program encourages customers to install unique high-efficiency technologies not covered by other FPL DSM programs.

**15. Conservation Research & Development (CRD) Project**

This project consists of research studies designed to: identify new energy efficient technologies; evaluate and quantify their impacts on energy, demand and customers; and where appropriate and cost-effective, incorporate an emerging technology into a DSM program.

**16. Business Photovoltaic for Schools Pilot**

Under this pilot, FPL installed photovoltaic (PV) systems and provided supporting educational training and materials for selected schools in most public school districts in FPL's territory to demonstrate and educate students on the practical issues of PV. This pilot was discontinued on December 31, 2015. There will be capital depreciation and return costs for this pilot until 2020 when ownership of the last PV systems is transferred to their respective customers.

**17. Common Expenses**

For administrative efficiency this includes all costs that are not specifically attributable to a particular program.

**Florida Power & Light Company**  
**Program Progress - 2018 Actual/Estimated and 2019 Projection**

SCHEDULE C-5

Pgm. No.	Program Title	2018 Actual/Estimated	2019 Projection	Progress Summary (Inception through June 2018)
1	<b>Residential Energy Survey</b>	Surveys = 92,710 Cost = \$14,109,284	Surveys = 100,000 Cost = \$14,092,413	Surveys = 3,937,636
2	<b>Residential Ceiling Insulation</b>	Participants = 4,141 Cost = \$883,643	Participants = 3,885 Cost = \$829,153	Participants = 577,270
3	<b>Residential Load Management (On Call)</b>	Participants = 7,317 Cost = \$49,864,107	Participants = 7,230 Cost = \$48,784,581	Participants = 725,635
4	<b>Residential Air Conditioning</b>	Participants = 25,647 Cost = \$4,732,910	Participants = 27,000 Cost = \$4,564,957	Participants = 1,938,433
5	<b>Residential New Construction (BuildSmart®)</b>	Participants = 2,993 Cost = \$499,150	Participants = 3,000 Cost = \$482,879	Participants = 45,526
6	<b>Residential Low-Income</b>	Participants = 2,116 Cost = \$498,198	Participants = 2,000 Cost = \$501,295	Participants = 14,196
7	<b>Business On Call</b>	kW = 685 Cost = \$3,603,698	kW = 900 Cost = \$3,618,194	MW under contract = 80
8	<b>Cogeneration &amp; Small Power Production</b>	MW = 444 GWh = 1,074 Cost = \$195,245	MW = 444 GWh = 1,078 Cost = \$238,691	MW & GWh represent contracted purchase power Firm Producers = 4 As Available Producers = 10
9	<b>Business Lighting</b>	kW = 9,968 Cost = \$958,573	kW = 5,000 Cost = \$620,861	kW = 302,285
10	<b>Commercial/Industrial Load Control (CILC)</b>	Closed to new participants Cost = \$40,721,410	Closed to new participants Cost = \$41,385,504	MW under contract = 466
11	<b>Commercial/Industrial Demand Reduction</b>	kW = 42,914 Cost = \$23,976,603	kW = 36,684 Cost = \$28,379,438	MW under contract = 304
12	<b>Business Energy Evaluation</b>	Evaluations = 10,326 Cost = \$7,746,805	Evaluations = 12,000 Cost = \$8,646,047	Evaluations = 243,779
13	<b>Business Heating, Ventilating and Air Conditioning</b>	kW = 10,363 Cost = \$5,142,609	kW = 11,035 Cost = \$5,778,033	kW = 412,663
14	<b>Business Custom Incentive</b>	kW = 1,021 Cost = \$248,079	kW = 617 Cost = \$173,863	kW = 54,230
15	<b>Conservation Research &amp; Development</b>	Cost = \$144,404	Cost = \$173,103	See Schedule C-5, Page 28
16	<b>Business Photovoltaic for Schools<sup>(1)</sup></b>	Cost = \$1,913,655	Cost = \$1,063,326	Not Applicable
17	<b>Common Expenses</b>	Cost = \$7,573,641	Cost = \$7,769,304	Not Applicable

(1) Recovery of Depreciation and Return  
kW and MW reduction are at the generator

## **SCHEDULE C-5**

### **Conservation Research & Development (CRD) Program**

#### **Load Management Software and Hardware Evaluations**

This project builds on FPL's prior findings from its evaluation of the potential benefits of implementing software and/or hardware upgrades for FPL's Residential Load Management program and the actual implementation of the new load management software. In this second phase, FPL will test next generation transponders with the new software to identify any incremental benefits from the combination of the two upgrades.

#### **Electric Power Research Institute Annual Program Membership**

This Electric Power Research Institute (EPRI) research project will produce an "EE Technology Readiness Guide" to provide participating utilities with a readiness assessment of technologies in various stages of development and enable comparisons among these technologies. The technologies to be included are currently being assessed by multiple EPRI programs such as the Technology Innovation program and the collaborative End-Use Energy Efficiency and Demand Response research program. Participation allows FPL to cost-efficiently gain this information by leveraging co-funding with other utilities.

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC  
CONSERVATION ADJUSTMENT TRUE-UP

SCHEDULE CT-1  
PAGE 1 OF 1

FOR MONTHS January-17 THROUGH December-17

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS January-17 THROUGH December-17		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>(59,079)</u>	
5.	INTEREST	<u>(963)</u>	<u>(60,042)</u>
6.	LESS PROJECTED TRUE-UP		
7.	October-17 (DATE) HEARINGS		
8.	PRINCIPAL	<u>(64,545)</u>	
9.	INTEREST	<u>(638)</u>	<u>(65,183)</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u>5,141</u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20180002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 1 OF 18

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 10  
PARTY: FLORIDA PUBLIC UTILITIES COMPANY (FPUC) -  
(DIRECT)  
DESCRIPTION: Curtis D. Young CDY-1

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

	FOR MONTHS	January-17	THROUGH	December-17	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	313,814		337,642	(23,828)
2.	ADVERTISING	92,569		79,862	12,707
3.	LEGAL	6,882		10,973	(4,091)
4.	OUTSIDE SERVICES/CONTRACT	141,927		75,335	66,592
5.	VEHICLE COST	10,829		15,540	(4,711)
6.	MATERIAL & SUPPLIES	10,680		8,282	2,398
7.	TRAVEL	31,084		43,852	(12,768)
8.	GENERAL & ADMIN	0		0	0
9.	INCENTIVES	26,946		42,467	(15,521)
10.	OTHER	6,265		12,271	(6,006)
11.	SUB-TOTAL	640,996		626,224	14,772
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	640,996		626,224	14,772
14.	LESS: PRIOR PERIOD TRUE-UP	(65,614)		(65,614)	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENUE	(634,461)		(625,155)	(9,306)
17.					
18.	TRUE-UP BEFORE INTEREST	(59,079)		(64,545)	5,466
19.	ADD INTEREST PROVISION	(963)		(638)	(325)
20.	END OF PERIOD TRUE-UP	(60,042)		(65,183)	5,141

() REFLECTS OVERRECOVERY

\* 6 MONTHS ACTUAL AND 6 MONTHS PROJECTED

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20180002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 2 OF 18

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-17 THROUGH December-17

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. Common	217,977	50,623	6,882	119,311	6,613	4,834	22,220	0	0	5,861	434,321		434,321
2. Residential Energy Survey	62,080	4,457	0	6,645	2,913	1,137	5,434	0	0	251	82,918		82,918
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	0	60	0	0	0	4,172	0	0	0	0	4,232		4,232
6. Commercial Heating & Cooling Upgrade	0	9,924	0	0	0	0	0	0	0	0	9,924		9,924
7. Residential Heating & Cooling Upgrade	922	8,442	0	0	57	17	107	0	26,946	0	36,490		36,490
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0		0
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	1,274	9,509	0	0	31	14	45	0	0	0	10,874		10,874
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0		0
13. Electric Conservation Demonstration and Development	1,450	60	0	2,177	5	18	166	0	0	9	3,885		3,885
14. Commercial Reflective Roof	3,006	9,346	0	0	38	26	335	0	0	22	12,772		12,772
15. Commercial Energy Consultant	27,105	148	0	13,794	1,172	462	2,777	0	0	122	45,580		45,580
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
<b>TOTAL ALL PROGRAMS</b>	<b>313,814</b>	<b>92,569</b>	<b>6,882</b>	<b>141,927</b>	<b>10,829</b>	<b>10,680</b>	<b>31,084</b>	<b>0</b>	<b>26,946</b>	<b>6,265</b>	<b>640,996</b>	<b>0</b>	<b>640,996</b>

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED  
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS January-17 THROUGH December-17

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. Common	(14,695)	11,727	(4,091)	105,223	(1,451)	(1,012)	(8,260)	0	0	(5,711)	81,730		81,730
2. Residential Energy Survey	5,359	(5,324)	0	(3,559)	(703)	(704)	(3,201)	0	0	(95)	(8,226)		(8,226)
3. Loan Program (discontinued but remains open)											0		0
4. Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0		0
5. Low Income Education	(1,250)	(2,440)	0	0	(250)	4,122	(125)	0	0	0	57		57
6. Commercial Heating & Cooling Upgrade	(500)	3,391	0	0	0	(50)	(50)	0	(500)	0	2,291		2,291
7. Residential Heating & Cooling Upgrade	(2,500)	283	0	0	(500)	(50)	(500)	0	(8,771)	(100)	(12,138)		(12,138)
8. Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0		0
9. Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0		0
10. Commercial Chiller Upgrade Program	24	2,141	0	0	(219)	(36)	(5)	0	(1,250)	0	656		656
11. Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0		0
12. Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0		0
13. Electric Conservation Demonstration and Development	(1,113)	60	0	(33,823)	(246)	2	5	0	0	0	(35,117)		(35,117)
14. Commercial Reflective Roof	(3,750)	3,228	0	0	(750)	(50)	(250)	0	(5,000)	0	(6,572)		(6,572)
15. Commercial Energy Consultant	(5,402)	(359)	0	(1,250)	(592)	176	(382)	0	0	(99)	(7,910)		(7,910)
16.											0		0
17.											0		0
18.											0		0
19.											0		0
20.											0		0
21.											0		0
22.											0		0
<b>TOTAL ALL PROGRAMS</b>	<b>(23,828)</b>	<b>12,707</b>	<b>(4,091)</b>	<b>66,592</b>	<b>(4,711)</b>	<b>2,398</b>	<b>(12,768)</b>	<b>0</b>	<b>(15,521)</b>	<b>(6,006)</b>	<b>14,772</b>	<b>0</b>	<b>14,772</b>



ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS January-17 THROUGH December-17

A. CONSERVATION EXPENSE  
BY PROGRAM

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. Common	24,178	31,519	35,279	35,569	36,282	17,464	16,769	20,352	29,198	35,554	29,038	123,120	434,321
2. Residential Energy Survey	5,501	5,938	6,285	4,290	4,394	6,885	8,010	11,345	7,829	7,810	6,669	7,961	82,918
3. Loan Program (discontinued but remains open)	-	-	-	-	-	-	-	-	-	-	-	-	0
4. Commercial Energy Survey	-	-	-	-	-	-	-	-	-	-	-	-	0
5. Low Income Education	-	-	-	-	-	-	-	60	-	-	-	4,172	4,232
6. Commercial Heating & Cooling Upgrade	1,115	349	235	393	241	450	603	3,213	578	1,203	578	967	9,924
7. Residential Heating & Cooling Upgrade	11	3,472	5,537	1,775	2,444	4,239	3,537	4,024	739	1,624	2,831	6,256	36,490
8. Commercial Indoor Efficient Lighting Rebate	-	-	-	-	-	-	-	-	-	-	-	-	0
9. Commercial Window Film Installation Program	-	-	-	-	-	-	-	-	-	-	-	-	0
10. Commercial Chiller Upgrade Program	700	349	235	393	241	450	603	3,213	578	2,567	578	967	10,874
11. Solar Water Heating Program	-	-	-	-	-	-	-	-	-	-	-	-	0
12. Solar Photovoltaic Program	-	-	-	-	-	-	-	-	-	-	-	-	0
13. Electric Conservation Demonstration and Development	1,084	-	418	-	-	-	-	60	-	-	2,177	146	3,885
14. Commercial Reflective Roof	2,867	1,273	235	393	577	450	603	3,213	578	1,203	578	803	12,772
15. Commercial Energy Consultant	3,452	7,787	1,671	13,345	1,682	1,153	4,908	3,544	723	745	5,039	1,531	45,580
16.													0
17.													0
18.													0
19.													0
20.													0
21.													0
22.													0
21. TOTAL ALL PROGRAMS	38,906	50,688	49,894	56,159	45,862	31,090	35,034	49,024	40,223	50,706	47,487	145,923	640,996
22. LESS AMOUNT INCLUDED IN RATE BASE													
23. RECOVERABLE CONSERVATION EXPENSES	38,906	50,688	49,894	56,159	45,862	31,090	35,034	49,024	40,223	50,706	47,487	145,923	640,996

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-3  
PAGE 2 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-17 THROUGH December-17

B. CONSERVATION REVENUES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL CONSERVATION	(47,932)	(47,689)	(41,703)	(46,020)	(47,139)	(57,434)	(64,206)	(63,137)	(62,153)	(54,465)	(55,896)	(46,688)	(634,461)
2. CONSERVATION ADJ. REVENUES													0
3. TOTAL REVENUES	(47,932)	(47,689)	(41,703)	(46,020)	(47,139)	(57,434)	(64,206)	(63,137)	(62,153)	(54,465)	(55,896)	(46,688)	(634,461)
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,468)	(5,466)	(65,614)
5. CONSERVATION REVENUE APPLICABLE	(53,400)	(53,157)	(47,171)	(51,488)	(52,607)	(62,902)	(69,674)	(68,605)	(67,621)	(59,933)	(61,364)	(52,154)	(700,075)
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	38,906	50,688	49,894	56,159	45,862	31,090	35,034	49,024	40,223	50,706	47,487	145,923	640,996
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	(14,494)	(2,469)	2,723	4,671	(6,744)	(31,813)	(34,639)	(19,581)	(27,398)	(9,227)	(13,877)	93,769	(59,079)
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	(37)	(38)	(40)	(40)	(38)	(50)	(79)	(107)	(124)	(137)	(150)	(123)	(963)
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	(65,614)	(74,677)	(71,716)	(63,565)	(53,466)	(54,780)	(81,175)	(110,425)	(124,645)	(146,699)	(150,594)	(159,153)	(65,614)
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,468	5,466	65,614
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	(74,677)	(71,716)	(63,565)	(53,466)	(54,780)	(81,175)	(110,425)	(124,645)	(146,699)	(150,594)	(159,153)	(60,042)	(60,042)

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20180002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
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CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS January-17 THROUGH December-17

C.	INTEREST PROVISION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	BEGINNING TRUE-UP (LINE B-9)	(65,614)	(74,677)	(71,716)	(63,565)	(53,466)	(54,780)	(81,175)	(110,425)	(124,645)	(146,699)	(150,594)	(159,153)	(65,614)
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	(74,640)	(71,678)	(63,525)	(53,426)	(54,742)	(81,125)	(110,346)	(124,538)	(146,575)	(150,457)	(159,003)	(59,919)	(59,079)
3.	TOTAL BEG. AND ENDING TRUE-UP	(140,254)	(146,355)	(135,241)	(116,991)	(108,208)	(135,905)	(191,521)	(234,963)	(271,219)	(297,156)	(309,598)	(219,072)	(124,693)
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	(70,127)	(73,177)	(67,620)	(58,495)	(54,104)	(67,953)	(95,760)	(117,481)	(135,610)	(148,578)	(154,799)	(109,536)	(62,346)
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.63%	0.62%	0.63%	0.80%	0.84%	0.86%	0.90%	1.08%	1.11%	1.09%	1.12%	1.20%	
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.62%	0.63%	0.80%	0.84%	0.86%	0.90%	1.08%	1.11%	1.09%	1.12%	1.20%	1.49%	
7.	TOTAL (LINE C-5 + C-6)	1.25%	1.25%	1.43%	1.64%	1.70%	1.76%	1.98%	2.19%	2.20%	2.21%	2.32%	2.69%	
8.	AVG. INTEREST RATE (C-7 X 50%)	0.63%	0.63%	0.72%	0.82%	0.85%	0.88%	0.99%	1.10%	1.10%	1.11%	1.16%	1.35%	
9.	MONTHLY AVERAGE INTEREST RATE	0.052%	0.052%	0.060%	0.068%	0.071%	0.073%	0.083%	0.091%	0.092%	0.092%	0.097%	0.112%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	(37)	(38)	(40)	(40)	(38)	(50)	(79)	(107)	(124)	(137)	(150)	(123)	(963)

COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-4  
PAGE 1 OF 1

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

FOR MONTHS January-17 THROUGH December-17

PROGRAM NAME:	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. RETURN REQUIREMENTS														
10. TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. \_\_\_\_\_  
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FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
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COMPANY: FLORIDA PUBLIC UTILITIES - CONSOLIDATED ELECTRIC

SCHEDULE CT-5  
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS January-17 THROUGH December-17

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20180002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(CDY-1)  
PAGE 9 OF 18

1. Residential Energy Survey Program
2. Educational/Low Income Program
3. Commercial Heating & Cooling Upgrade Program
4. Residential Heating & Cooling Upgrade Program
5. Commercial Chiller Upgrade Program
6. Conservation Demonstration and Development Program
7. Commercial Reflective Roof Program
8. Commercial Energy Consultation Program

**PROGRAM TITLE:** Residential Energy Survey Program

**PROGRAM DESCRIPTION:** The Residential Energy Survey Program is provided at no cost to the customer and provides participating customers with information they need to determine which energy saving measures are best suited to their individual needs and requirements. The objective of this type of survey is to provide Florida Public Utilities Company's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower Florida Public Utilities Company's energy requirements and improve operating efficiencies. Florida Public Utilities Company views this program as a way of promoting the installation of cost-effective conservation measures. During the survey process, the customer is provided with specific whole-house recommendations.

**PROGRAM ACCOMPLISHMENTS:** This year a total of 203 residential energy surveys were performed.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$82,918.

**PROGRAM PROGRESS SUMMARY:** We feel confident that through our efforts to promote this program through print, digital media and community events we will continue to provide valuable advice to our customers on the topics of energy conservation and energy efficiency measures and practices.



**PROGRAM TITLE:** Educational/Low Income Program

**PROGRAM DESCRIPTION:** Florida Public Utilities Company presently has energy education programs that identify low-cost and no-cost energy conservation measures. To better assist low-income customers in managing their energy purchases, the presentations and formats of these energy education programs are tailored to the audience. These programs provide basic energy education, as well as inform the customers of other specific services, such as the free energy surveys that Florida Public Utilities Company currently offers.

**PROGRAM ACCOMPLISHMENTS:** Even though there are no goals for this program we continue to work through various agencies to provide home energy surveys to low income customers as well as evaluating homes for local agencies for possible energy efficiency improvements.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$4,232.

**PROGRAM PROGRESS SUMMARY:** The Company continues to promote the opportunity to educate low-income customers on the benefits of an energy efficient home and anticipates increased participation in this program in 2018.

**PROGRAM TITLE:** Commercial Heating & Cooling Efficiency Upgrade Program

**PROGRAM DESCRIPTION:** The Commercial Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand as well as reducing energy consumption throughout Florida Public Utilities Company's commercial sector. The program is designed to increase the saturation of high-efficiency heat pumps and central air conditioning systems.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period, 0 customers participated in the Commercial Heating & Cooling Efficiency Upgrade Program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$9,924.

**PROGRAM PROGRESS SUMMARY:** Even though there was no participation in this program, we will continue our efforts to promote this program to our commercial customers.

**PROGRAM TITLE:** Residential Heating & Cooling Efficiency Upgrade Program

**PROGRAM DESCRIPTION:** The Residential Heating & Cooling Efficiency Upgrade Program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air-conditioning systems.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period, 218 customers participated in the residential heating and cooling efficiency upgrade program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$36,490.

**PROGRAM PROGRESS SUMMARY:** This program has continued to be successful over the years and we are optimistic that our residential customers will continue to find value in this program.

PROGRAM TITLE: Commercial Chiller Upgrade Program

PROGRAM DESCRIPTION: The Commercial Chiller Upgrade Program is directed at reducing the rate of growth in peak demand and energy throughout Florida Public Utilities Company's commercial sector. To serve this purpose, this program requires that commercial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to \$100 per kW of additional savings above the minimum efficiency levels.

PROGRAM ACCOMPLISHMENTS: For the reporting period, 0 customer participated in the Commercial Chiller Upgrade Program.

PROGRAM FISCAL EXPENDITURES: The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$10,874.

PROGRAM PROGRESS SUMMARY: The Company continues to work with commercial customers to promote this program and is optimistic that our customers will find value in this program.

**PROGRAM TITLE:** Conservation Demonstration and Development Program

**PROGRAM DESCRIPTION:** The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

**PROGRAM ACCOMPLISHMENTS:** In 2017, the Company began researching the viability of using battery storage technology to improve customer's electric system reliability and resiliency.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$3,885.

**PROGRAM PROGRESS SUMMARY:** The Company continues to pursue research, demonstration and development projects, under this program, to promote energy efficiency and conservation.

**PROGRAM TITLE:** Commercial Reflective Roof Program

**PROGRAM DESCRIPTION:** The Commercial Reflective Roof Program is directed at reducing demand and energy throughout FPUC's commercial sector through the installation of cool roofs. The program allows non-residential customers installing cool roofs to obtain rebates of \$0.075 per sq.ft. for new roofs on new or existing facilities and \$0.325 per sq.ft. for roofs converting to a cool roof. To be eligible for the rebates, the roofing material must be Energy Star certified. The program is focused on getting contractors in FPUC's service territory to promote the cool roofs.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period, there were 0 participants in this program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017 through December 31, 2017 were \$12,772.

**PROGRAM PROGRESS SUMMARY:** The Company continues to work with commercial customers to promote this program and is optimistic that our customers will continue to find value in this program.

**PROGRAM TITLE:** Commercial Energy Consultation Program

**PROGRAM DESCRIPTION:** The FPUC Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial Demand Side Management (DSM) programs to commercial customers. This program allows FPUC energy conservation representatives to conduct commercial site visits to educate customers about FPUC's commercial DSM programs, assess the potential for applicable DSM programs, conduct an electric bill review, offer commercial energy savings suggestions and inform the customer about FPUC's commercial online energy efficient resources and tools.

**PROGRAM ACCOMPLISHMENTS:** For the reporting period, there were 13 participants in this program.

**PROGRAM FISCAL EXPENDITURES:** The expenditures for the reporting period of January 1, 2017, through December 31, 2017, were \$45,580 which includes \$10,900 paid to FPL Energy Services in 2017 for an energy assessment conducted in 2016 on a large commercial customer.

**PROGRAM PROGRESS SUMMARY:** Even though there is no particular goal for this program, we believe that this will continue to be a valuable program for our commercial customers.



ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS      January-19      THROUGH      December-19

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>728,800</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>(75,359)</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>653,441</u>
4.	RETAIL KWH SALES	<u>672,723,829</u>
5.	COST PER KWH	<u>0.00097134</u>
6.	REVENUE TAX MULTIPLIER *	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00097200</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH)	<u>0.097</u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 20180002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(DNBM-1)  
PAGE 1 OF 20

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 11  
PARTY: FLORIDA PUBLIC UTILITIES  
COMPANY (FPUC) - (DIRECT)  
DESCRIPTION: Danielle N.B. Mulligan

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2  
PAGE 1 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-19 THROUGH December-19

A.	ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	Common	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	40,125	481,500
2	Residential Energy Survey Program	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	98,500
3	Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Low Income Program	383	383	383	383	383	383	383	383	383	383	383	383	4,600
5	Commercial Heating & Cooling Upgrade	992	992	992	992	992	992	992	992	992	992	992	992	11,900
6	Residential Heating & Cooling Upgrade	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	39,300
7	Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Commercial Chiller Upgrade Program	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	14,800
10	Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Demonstration and Development	3,442	3,442	3,442	3,442	3,442	3,442	3,442	3,442	3,442	3,442	3,442	3,442	41,300
13	Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Commercial Reflective Roof Program	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	1,167	14,000
15	Commercial Energy Consultation	1,908	1,908	1,908	1,908	1,908	1,908	1,908	1,908	1,908	1,908	1,908	1,908	22,900
16														
17														
18	TOTAL ALL PROGRAMS	60,732	60,732	60,732	60,732	60,733	60,733	60,733	60,733	60,733	60,733	60,733	60,733	728,800
19														
20	LESS AMOUNT INCLUDED													
21	IN RATE BASE													
22														
23	RECOVERABLE CONSERVATION													
24	EXPENSES	60,732	60,732	60,732	60,732	60,733	60,733	60,733	60,733	60,733	60,733	60,733	60,733	728,800

EXHIBIT NO. \_\_\_\_\_  
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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2  
PAGE 2 OF 3

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1 Common	225,000	45,000	25,000	150,000	8,000	4,500	22,000	0	0	2,000	481,500	0	481,500
2 Residential Energy Survey Program	70,000	6,000	0	12,000	3,500	1,500	5,000	0	0	500	98,500	0	98,500
3 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Low Income Program	1,000	100	0	0	0	3,500	0	0	0	0	4,600	0	4,600
5 Commercial Heating & Cooling Upgrade	500	10,000	0	100	100	100	100	0	1,000	0	11,900	0	11,900
6 Residential Heating & Cooling Upgrade	1,000	10,000	0	100	100	100	3,000	0	25,000	0	39,300	0	39,300
7 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Commercial Chiller Upgrade Program	1,500	10,000	0	0	100	100	100	0	3,000	0	14,800	0	14,800
10 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Demonstration and Development	3,000	1,000	0	37,000	100	100	100	0	0	0	41,300	0	41,300
13 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Reflective Roof Program	1,000	10,000	0	0	0	0	0	0	3,000	0	14,000	0	14,000
15 Commercial Energy Consultation	15,000	5,000	0	100	1,200	300	1,200	0	0	100	22,900	0	22,900
16													
17													
18													
19 TOTAL ALL PROGRAMS	318,000	97,100	25,000	199,300	13,100	10,200	31,500	0	32,000	2,600	728,800	0	728,800
20 LESS: BASE RATE RECOVERY													
21													
22 NET PROGRAM COSTS	318,000	97,100	25,000	199,300	13,100	10,200	31,500	0	32,000	2,600	728,800	0	728,800
23													

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION

SCHEDULE C-2  
PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-19 THROUGH December-19

PROGRAM NAME:	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT	NONE													
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
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FLORIDA PUBLIC UTILITIES COMPANY  
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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1 OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS	January-18 July-18	THROUGH THROUGH	June-18 December-18										
PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. Common													
A. ACTUAL	135,156	18,705	3,336	44,379	4,565	2,074	13,857	0	0	4,040	226,113	0	226,113
B. ESTIMATED	132,500	22,500	5,000	7,500	3,250	3,000	16,000	0	0	6,100	195,850	0	195,850
C. TOTAL	267,656	41,205	8,336	51,879	7,815	5,074	29,857	0	0	10,140	421,963	0	421,963
2. Residential Energy Survey Program													
A. ACTUAL	24,793	3,850	0	7,654	1,214	454	2,435	0	0	164	40,562	0	40,562
B. ESTIMATED	30,000	2,550	0	10,000	1,500	750	5,000	0	0	2,500	52,300	0	52,300
C. TOTAL	54,793	6,400	0	17,654	2,714	1,204	7,435	0	0	2,664	92,862	0	92,862
3. Commercial Energy Survey													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Low Income Program													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	350	0	0	7,500	50	250	100	0	0	0	8,250	0	8,250
C. TOTAL	350	0	0	7,500	50	250	100	0	0	0	8,250	0	8,250
5. Commercial Heating & Cooling Upgrade													
A. ACTUAL	248	1,228	0	94	10	7	12	0	0	1	1,601	0	1,601
B. ESTIMATED	50	5,000	0	0	0	0	0	0	500	0	5,550	0	5,550
C. TOTAL	298	6,228	0	94	10	7	12	0	500	1	7,151	0	7,151
6. Residential Heating & Cooling Upgrade													
A. ACTUAL	322	4,052	0	94	13	2	2,937	0	5,975	0	13,395	0	13,395
B. ESTIMATED	1,000	3,000	0	0	75	50	150	0	15,000	50	19,325	0	19,325
C. TOTAL	1,322	7,052	0	94	88	52	3,087	0	20,975	50	32,720	0	32,720
7. Commercial Indoor Efficient Lighting Rebate													
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL ACTUAL	160,519	27,835	3,336	52,222	5,802	2,536	19,241	0	5,975	4,204	281,671	0	281,671
SUB-TOTAL ESTIMATED	163,900	33,050	5,000	25,000	4,875	4,050	21,250	0	15,500	8,650	281,275	0	281,275
LESS: PRIOR YEAR AUDIT ADJ.													
ACTUAL											0		0
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	SEE PAGE 1A												

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1A OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS	January-18	THROUGH	June-18									SUB TOTAL	PROGRAM REVENUES	TOTAL		
	July-18	THROUGH	December-18	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.				INCENTIVES	OTHER
8. Commercial Window Film Installation Program																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Commercial Chiller Upgrade Program																
A. ACTUAL	0	1,228	0	0	0	0	0	0	0	0	0	0	0	1,228		1,228
B. ESTIMATED	3,000	5,000	0	0	175	50	500	0	500	50	50	50	50	9,275		9,275
C. TOTAL	3,000	6,228	0	0	175	50	500	0	500	50	50	50	10,503		10,503	
10. Solar Water Heating Program																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Solar Photovoltaic Program																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Demonstration and Development																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	2,500	0	0	34,250	125	75	500	0	0	50	37,500	50	37,500		37,500	
C. TOTAL	2,500	0	0	34,250	125	75	500	0	0	50	37,500	50	37,500		37,500	
13. Affordable Housing Builders and Providers																
A. ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Commercial Reflective Roof Program																
A. ACTUAL	0	2,212	0	0	0	0	0	0	0	0	0	0	2,212		2,212	
B. ESTIMATED	2,250	5,000	0	0	75	50	400	0	2,500	50	10,325	50	10,325		10,325	
C. TOTAL	2,250	7,212	0	0	75	50	400	0	2,500	50	12,537	50	12,537		12,537	
15. Commercial Energy Consultation																
A. ACTUAL	1,275	515	0	94	52	16	188	0	0	2	2,140	2	2,140		2,140	
B. ESTIMATED	12,500	50	0	7,500	600	250	2,000	0	0	150	23,050	150	23,050		23,050	
C. TOTAL	13,775	565	0	7,594	652	266	2,188	0	0	152	25,190	152	25,190		25,190	
TOTAL ACTUAL	161,793	31,790	3,336	52,317	5,854	2,552	19,429	0	5,975	4,206	287,251	0	287,251		287,251	
TOTAL ESTIMATED	184,150	43,100	5,000	66,750	5,850	4,475	24,650	0	18,500	8,950	361,425	0	361,425		361,425	
LESS: PRIOR YEAR AUDIT ADJ. ACTUAL ESTIMATED TOTAL													0			0
NET PROGRAM COSTS	345,943	74,890	8,336	119,067	11,704	7,027	44,079	0	24,475	13,156	648,676	0	648,676		648,676	

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3  
 PAGE 2 OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS  
 January-18 July-18 THROUGH THROUGH June-18 December-18

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT	NONE													
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 3 OF 5

ACTUAL FOR MONTHS ESTIMATED FOR MONTHS  
 January-18 THROUGH June-18  
 July-18 THROUGH December-18

A.	ESTIMATED EXPENSE BY PROGRAM	ACTUAL						TOTAL ACTUAL	ESTIMATED						TOTAL ESTIMATED	GRAND TOTAL
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	CV610 Common	32,031	41,300	31,117	34,710	40,881	46,073	226,113	32,642	32,642	32,642	32,642	32,642	32,642	195,850	421,963
2	CV613 Residential Energy Survey Program	7,542	10,123	9,664	5,656	3,665	3,913	40,562	8,717	8,717	8,717	8,717	8,717	8,717	52,300	92,862
3	CV616 Commercial Energy Survey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CV617 Low Income Program	0	0	0	0	0	0	0	1,375	1,375	1,375	1,375	1,375	1,375	8,250	8,250
5	CV618 Commercial Heating & Cooling Upgrade	487	332	166	166	260	191	1,601	925	925	925	925	925	925	5,550	7,151
6	CV619 Residential Heating & Cooling Upgrade	1,516	1,383	1,487	4,894	1,089	3,025	13,395	3,221	3,221	3,221	3,221	3,221	3,221	19,325	32,720
7	CV621 Commercial Indoor Efficient Lighting Rebate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	CV622 Commercial Window Film Installation Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CV623 Commercial Chiller Upgrade Program	209	332	166	166	166	191	1,228	1,546	1,546	1,546	1,546	1,546	1,546	9,275	10,503
10	CV624 Solar Water Heating Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	CV625 Solar Photovoltaic Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	CV626 Demonstration and Development	0	0	0	0	0	0	0	6,250	6,250	6,250	6,250	6,250	6,250	37,500	37,500
13	CV627 Affordable Housing Builders and Providers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	CV628 Commercial Reflective Roof Program	1,192	332	166	166	166	191	2,212	1,721	1,721	1,721	1,721	1,721	1,721	10,325	12,537
15	CV629 Commercial Energy Consultation	272	0	0	805	588	475	2,140	3,842	3,842	3,842	3,842	3,842	3,842	23,050	25,190
16								0							0	0
17	Prior period audit adj.							0							0	0
18								0							0	0
19																
20																
21	TOTAL ALL PROGRAMS	43,248	53,803	42,765	46,562	46,815	54,058	287,251	60,238	60,238	60,238	60,238	60,238	60,238	361,425	648,676
22																
23	LESS AMOUNT INCLUDED															
24	IN RATE BASE															
25																
26	RECOVERABLE CONSERVATION															
27	EXPENSES	43,248	53,803	42,765	46,562	46,815	54,058	287,251	60,238	60,238	60,238	60,238	60,238	60,238	361,425	648,676

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
 PAGE 4 OF 5

	ACTUAL FOR MONTHS	January-18	THROUGH	June-18													
	ESTIMATED FOR MONTHS	July-18	THROUGH	December-18	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION REVENUES																	
1. RCS AUDIT FEES																	
a.																	
b.																	
c.																	
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)		(63,940)	(49,968)	(41,403)	(44,349)	(43,727)	(60,694)	(69,683)	(69,664)	(67,969)	(56,642)	(47,297)	(47,081)	(662,417)			
3. TOTAL REVENUES		(63,940)	(49,968)	(41,403)	(44,349)	(43,727)	(60,694)	(69,683)	(69,664)	(67,969)	(56,642)	(47,297)	(47,081)	(662,417)			
4. PRIOR PERIOD TRUE-UP-ADJ NOT APPLICABLE TO PERIOD		(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(5,004)	(4,998)	(60,042)			
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		(68,944)	(54,972)	(46,407)	(49,353)	(48,731)	(65,698)	(74,687)	(74,668)	(72,973)	(61,646)	(52,301)	(52,079)	(722,459)			
6. CONSERVATION EXPENSES (FORM C-3, PAGE 3)		43,248	53,803	42,765	46,562	46,815	54,058	60,238	60,238	60,238	60,238	60,238	60,238	648,676			
7. TRUE-UP THIS PERIOD		(25,696)	(1,169)	(3,642)	(2,791)	(1,916)	(11,640)	(14,450)	(14,431)	(12,736)	(1,408)	7,937	8,159	(73,783)			
8. INTEREST PROVISION THIS PERIOD (C-3, PAGE 5)		(88)	(104)	(112)	(117)	(113)	(119)	(137)	(153)	(168)	(171)	(158)	(136)	(1,576)			
9. TRUE-UP & INTEREST PROVISION		(60,042)	(80,822)	(77,091)	(75,840)	(73,745)	(70,770)	(77,525)	(87,107)	(96,687)	(104,586)	(101,162)	(88,379)	(60,042)			
10. PRIOR TRUE-UP REFUNDED (COLLECTED)		5,004	5,004	5,004	5,004	5,004	5,004	5,004	5,004	5,004	5,004	5,004	4,998	60,042			
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		(80,822)	(77,091)	(75,840)	(73,745)	(70,770)	(77,525)	(87,107)	(96,687)	(104,586)	(101,162)	(88,379)	(75,359)	(75,359)			

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
PAGE 5 OF 5

ACTUAL FOR MONTHS                      January-18                      THROUGH                      June-18  
ESTIMATED FOR MONTHS                      July-18                      THROUGH                      December-18

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	(60,042)	(80,822)	(77,091)	(75,840)	(73,745)	(70,770)	(77,525)	(87,107)	(96,687)	(104,586)	(101,162)	(88,379)	(75,359)
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	(80,734)	(76,987)	(75,728)	(73,628)	(70,657)	(77,406)	(86,970)	(96,534)	(104,418)	(100,991)	(88,221)	(75,223)	(73,783)
3. TOTAL BEG. AND ENDING TRUE-UP	(140,776)	(157,808)	(152,819)	(149,468)	(144,401)	(148,175)	(164,495)	(183,641)	(201,105)	(205,577)	(189,383)	(163,602)	(149,141)
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	(70,388)	(78,904)	(76,410)	(74,734)	(72,201)	(74,088)	(82,247)	(91,820)	(100,552)	(102,788)	(94,691)	(81,801)	(74,571)
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	1.49%	1.50%	1.66%	1.86%	1.90%	1.86%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	1.50%	1.66%	1.86%	1.90%	1.86%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
7. TOTAL (LINE C-5 + C-6)	2.99%	3.16%	3.52%	3.76%	3.76%	3.86%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
8. AVG INTEREST RATE (C-7 X 50%)	1.50%	1.58%	1.76%	1.88%	1.88%	1.93%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
9. MONTHLY AVERAGE INTEREST RATE	0.125%	0.132%	0.147%	0.157%	0.157%	0.161%	0.167%	0.167%	0.167%	0.167%	0.167%	0.167%	0.167%
10. INTEREST PROVISION (LINE C-4 X C-9)	(88)	(104)	(112)	(117)	(113)	(119)	(137)	(153)	(168)	(171)	(158)	(136)	(1,576)

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COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - CONSOLIDATED ELECTRIC DIVISION  
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4  
 PAGE 1 OF 1

FOR THE PERIOD January-18 THROUGH December-19

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
2018 JANUARY	62,777	63,940	ACTUAL
FEBRUARY	49,057	49,968	ACTUAL
MARCH	40,736	41,403	ACTUAL
APRIL	42,987	44,349	ACTUAL
MAY	43,497	43,727	ACTUAL
JUNE	59,594	60,694	ACTUAL
JULY	68,326	69,683	0.101986
AUGUST	68,308	69,664	0.101985
SEPTEMBER	66,646	67,969	0.101985
OCTOBER	55,539	56,642	0.101986
NOVEMBER	46,376	47,297	0.101986
DECEMBER	46,164	47,081	0.101986
SUB-TOTAL	650,007	662,417	
2019 JANUARY	54,800	53,230	0.097134
FEBRUARY	50,391	48,946	0.097134
MARCH	44,854	43,569	0.097134
APRIL	47,360	46,003	0.097134
MAY	49,479	48,061	0.097134
JUNE	61,568	59,803	0.097134
JULY	67,655	65,716	0.097134
AUGUST	67,801	65,858	0.097134
SEPTEMBER	67,150	65,226	0.097134
OCTOBER	57,700	56,046	0.097134
NOVEMBER	55,839	54,238	0.097134
DECEMBER	48,126	46,746	0.097134
SUB-TOTAL	672,724	653,442	
TOTALS	1,322,731	1,315,859	

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**Program**

1. Residential Energy Survey Program
2. Commercial Heating and Cooling Upgrade Program
3. Residential Heating and Cooling Upgrade Program
4. Commercial Chiller Upgrade Program
5. Conservation Demonstration and Development Program
6. Low Income Energy Outreach Program
7. Commercial Reflective Roof Program
8. Commercial Energy Consultation Program

**PROGRAM TITLE:**

Residential Energy Survey Program

**PROGRAM DESCRIPTION:**

The objective of the Residential Energy Survey Program is to provide FPUC's residential customers with energy conservation advice that encourages the implementation of efficiency measures resulting in energy savings for the customer. These measures, once implemented, also lower FPUC's energy requirements and improve operating efficiencies. FPUC views this program as a way of promoting the installation of cost-effective conservation features. During the survey process, the customer is provided with specific whole-house recommendations and two LED bulbs.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, the Company estimates that 180 residential surveys will be conducted. Fiscal expenditures for 2019 are projected to be \$98,500.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018, 90 surveys were performed and actual expenditures were \$40,562. We estimate that another 90 surveys will be performed between July 2018 and December 2018. For January 2018 through December 2018 the projected expenses are \$92,862.

For January 2019 through December 2019, the goal for the number of program participants is 100.

**PROGRAM SUMMARY:**

This program provides participating customers with the information needed to determine which energy saving measures are best suited to their individual needs and requirements. We feel confident that by continuing to advertise the benefits of this program through bill inserts, promotional materials, newspaper, and social media, we will continue to see a high participation level in this program.

**PROGRAM TITLE:**

Commercial Heating and Cooling Upgrade Program

**PROGRAM DESCRIPTION:**

This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial sector by providing rebates to small commercial customers (commercial establishments with a maximum of 5 ton units). The program will do this by increasing the saturation of high-efficiency heat pumps and air conditioners. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, the Company estimates that 10 Commercial Heating and Cooling allowances will be paid. Fiscal expenditures for 2019 are projected to be \$11,900.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018, no Commercial Heating and Cooling allowances were paid and actual expenditures were \$1,601. We estimate that 5 Commercial Heating and Cooling allowances will be paid between July 2018 and December 2018. For January 2018 through December 2018 the projected expenses are \$7,151. For January 2019 through December 2019, the goal for the number of program participants is 10.

**PROGRAM SUMMARY:**

This program provides an opportunity for FPUC commercial customers to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will see a higher participation level.

**PROGRAM TITLE:**

Residential Heating and Cooling Efficiency Upgrade Program

**PROGRAM DESCRIPTION:**

This program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's electricity service territories. The program will do this by increasing the saturation of high-efficiency heat pumps and central air conditioning systems. The program requires that customer install a high-efficiency central air conditioning system or heat pump with a minimum 15 SEER. The Residential Heating & Cooling Efficiency Upgrade Program focuses in two areas. The first is to incent customers operating inefficient heat pumps and air conditioners to replace them with more efficient units. The program also incents customers with resistance heating to install a new heat pump. The second area of focus for the program is to incent customers that are replacing a heat pump or air conditioner that has reached the end of its life with a more efficient heat pump or air conditioner than is required by codes and standards. The incentive to install a more efficient heat pump or air conditioner also applies to heat pumps and air conditioners being installed in new construction.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, the Company estimates that 300 Residential Heating and Cooling allowances will be paid. Fiscal expenditures for 2019 are projected to be \$39,300.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018, 187 Residential Heating and Cooling allowances were paid and actual expenditures were \$13,395. We estimate that another 110 Residential Heating and Cooling allowances will be paid between July 2018 and December 2018. For January 2018 through December 2018 the projected expenses are \$32,720. For January 2019 through December 2019, the goal for the number of program participants is 100.

**PROGRAM SUMMARY:**

This program provides an opportunity for FPUC customers' to install a more energy efficient heating and cooling system with the results being a decrease in energy consumption as well as a reduction in weather-sensitive peak demand for FPUC. We feel confident that by continuing to advertise the benefits of this program we will continue to see a high participation level.

**PROGRAM TITLE:**

Commercial Chiller Upgrade Program

**PROGRAM DESCRIPTION:**

The program is directed at reducing the rate of growth in peak demand and energy throughout FPUC's commercial/industrial sector. To serve this purpose, this program requires that commercial/industrial customers replace existing chillers with a more efficient system. By doing so, they will qualify for an incentive of up to \$175 per kW of additional savings above the minimum efficiency levels. The program covers water-cooled centrifugal chillers, water-cooled scroll or screw chillers, and air-cooled electric chillers. Minimum qualifications for efficiency exist for each of the chiller types based on size and are presented in the participation standards section of this program description.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, the Company estimates that 1 Commercial Chiller Upgrade rebate will be paid. Fiscal expenditures for 2019 are projected to be \$14,800.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018, no Commercial Chiller Upgrade allowances were paid and actual expenditures were \$1,228. We estimate that 1 Commercial Chiller Upgrade rebate will be paid between July 2018 and December 2018. For January 2018 through December 2018 the projected expenses are \$10,503. For January 2019 through December 2019, the goal for the number of program participants is 1.

**PROGRAM SUMMARY:**

Interested customers will send project proposals to Florida Public Utilities Company and a representative will schedule an on-site visit for inspection prior to installation. After the project is completed, a Florida Public Utilities Company representative will conduct an on-site inspection. By following the guidelines, the customer will qualify for the rebate.



**PROGRAM TITLE:**

Conservation Demonstration and Development Program

**PROGRAM DESCRIPTION:**

The primary purpose of the Conservation Demonstration and Development (CDD) program is to pursue research, development, and demonstration projects that are designed to promote energy efficiency and conservation. This program will supplement and complement the other demand-side management programs offered by Florida Public Utilities Company. The CDD program is meant to be an umbrella program for the identification, development, demonstration, and evaluation of promising new end-use technologies. The CDD program does not focus on any specific end-use technology but, instead, will address a wide variety of energy applications.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, the Company estimates that they will engage in at least 1 CDD project. Fiscal expenditures for 2019 are projected to be \$41,300.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018 actual expenditures were \$0. For January 2018 through December 2018 the projected expenses are \$37,500.

**PROGRAM SUMMARY:**

Per the Company's 2015 Demand Side Management Plan (approved by ORDER NUMBER PSC-15-0326-PAA-EG), FPUC will notify the Florida Public Service Commission of any CDD project that exceeds \$15,000. FPU wishes to test the viability of using battery storage technology to improve customer's electric system reliability and resiliency (see Exhibit A). In addition, the pilot will test whether the technology can be used to lower FPU's power supply cost and test the viability of using storage batteries to integrate renewables into FPU's power purchase portfolio. Florida Public Utilities Company will limit the total CDD expenditures to a maximum of \$75,000 per year. Costs for CDD projects that meet the program's criteria for acceptance will be charged to Energy Conservation Cost Recovery account.

**PROGRAM TITLE:**

Low Income Program

**PROGRAM DESCRIPTION:**

The Low Income Energy Outreach Program is an educational program designed to enhance the effectiveness of existing weatherization programs for low-income households. FPUC's Low Income Energy Outreach Program partners with Department of Economic Opportunity approved Low Income Weatherization Program operators by offering Residential Energy Surveys scheduled by the Low Income Weatherization Program operators, weatherization contractor training, distributing energy efficiency educational literature to participants, and hosting energy conservation events customized for low income households.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, fiscal expenditures are projected to be \$4,600.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018 actual expenditures were \$0. For January 2018 through December 2018 the projected expenses are \$8,250.

**PROGRAM SUMMARY:**

The main purpose of the Low Income Energy Outreach Program is to ensure that low income households are implementing all the necessary energy efficiency measures available. FPUC believes that by working with Weatherization Program operators, it is not only offering a valuable service to its Low Income residents, but that much needed thermal efficiency and weatherization improvements will be made.

**PROGRAM TITLE:**

Commercial Reflective Roof Program

**PROGRAM DESCRIPTION:**

The Commercial Reflective Roof Program is a new program that provides rebates to non-residential customers that either convert their existing roof to a cool roof or install a new cool roof on an existing building or a new building. The rebate covers up to 25% of the incremental cost of providing the cool roof compared to a standard roof. Rebates will be \$0.075 per sqft for new roofs on new or existing facilities and \$0.325 per sqft for roofs converting to a cool roof. Roofing material must be Energy Star certified in all cases. The program will reduce energy and demand required for cooling. Participation rates are measured per 1000 sq. ft. of roof. FPUC will work with roofing contractors to promote the program in a manner similar to the Residential and Commercial Heating & Cooling Upgrade Programs. The roofing contractors will provide copies of their proposal to provide roofing services for FPUC's customers. FPUC will inspect the roof before work begins and after the work is completed. FPUC will make the determination of which level of rebate will apply to the project and that the project qualifies for a rebate by using Energy Star certified materials.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, the Company estimates that 10 Commercial Reflective Roof allowances will be paid. Fiscal expenditures for 2019 are projected to be \$14,000.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018, no commercial roofing rebates were paid and actual expenditures were \$2,212. We estimate that 10 commercial roofing rebates will be paid between July 2018 and December 2018. For January 2018 through December 2018 the projected expenses are \$12,537. For January 2019 through December 2019, the goal for the number of program participants is 10.

**PROGRAM SUMMARY:**

The program started upon approval of FPUC's 2015 DSM Plan and Program Standards. We feel confident that by advertising the benefits of this program through our Energy Survey Program, bill inserts, promotional materials and social media platforms, we will begin to receive participants in this program.

**PROGRAM TITLE:**

Commercial Energy Consultation Program

**PROGRAM DESCRIPTION:**

The Florida Public Utilities Company Commercial Energy Consultation Program is designed to directly communicate the availability of the commercial DSM programs to commercial customers. This program allows for FPUC energy conservation representatives to conduct commercial site visits to educate customers about FPUC's commercial DSM programs, assess the potential for applicable DSM Programs, conduct an electric bill review, offer commercial energy savings suggestions, and inform customer about FPUC's commercial online energy efficiency resources and tools.

**PROGRAM PROJECTIONS:**

For the twelve-month period of January to December 2019, fiscal expenditures are projected to be \$22,900.

**PROGRAM ACTIVITY AND EXPENDITURES:**

From January 2018 through June 2018 actual expenditures were \$2,140. For January 2018 through December 2018 the projected expenses are \$25,190.

**PROGRAM SUMMARY:**

In recent research of commercial/industrial customers, consistent response for areas of improvement from this class of customer include individualized attention and service in helping them improve their cost of operation and efficiency. We have built trusting relationships with many of these customers by offering education on new technologies and by offering expertise in energy conservation. This work will continue to benefit FPUC and its rate payers.

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 12  
PARTY: GULF POWER COMPANY (GULF) –  
(DIRECT)  
DESCRIPTION: John N. Floyd JNF-1

**Schedule CT-1**

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
**For the Period: January 2017 - December 2017**

	<u>\$</u>	<u>\$</u>
Actual		
1. Principal	(83,995)	
2. Interest	<u>(16,301)</u>	
3. Actual Over/(Under) Recovery Ending Balance		(100,296)
Estimated/Actual as filed August 18, 2017		
4. Principal	(126,885)	
5. Interest	<u>(16,518)</u>	
6. Total Estimated/Actual Over/(Under) Recovery		<u>(143,402)</u>
7. Adjusted Net True-up Over/(Under) Recovery (Line 3 - 6)		<u><u>43,106</u></u>

**Schedule CT-2**

**Gulf Power Company**

**ENERGY CONSERVATION COST RECOVERY (ECCR)**

Calculation of the Final True-Up Amount

**For the Period: January 2017 - December 2017**

**Analysis of Energy Conservation Program Costs**

**Actual Compared to Estimated/Actual**

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation, Return & Property Tax	2,555,257.63	2,550,171.98	5,085.65
2. Payroll & Benefits	4,443,753.87	4,370,751.40	73,002.47
3. Materials & Supplies	3,950,421.83	4,167,316.31	(216,894.48)
4. Advertising	571,444.61	616,646.98	(45,202.37)
5. Incentives	333,679.75	571,315.50	(237,635.75)
6. Adjustments	0.00	0.00	0.00
7. Other	0.00	0.00	0.00
8. Subtotal	<u>11,854,557.69</u>	<u>12,276,202.17</u>	<u>(421,644.48)</u>
9. Program Revenues	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
10. Total Program Costs	<u>11,854,557.69</u>	<u>12,276,202.17</u>	<u>(421,644.48)</u>
11. Less: Payroll Adjustment	0.00	0.00	0.00
12. Amounts Inc. in Base Rate	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
13. Conservation Adjustment Revenues	<u>15,354,375.56</u>	<u>15,733,130.11</u>	<u>(378,754.55)</u>
14. Rounding Adjustment	<u>15,354,376.00</u>	<u>15,733,130.00</u>	<u>(378,754.00)</u>
15. True-up Before Adjustment Over/(Under) Recovery	3,499,817	3,456,928	42,889
16. Interest Provision	(16,301)	(16,518)	217
17. Prior Period True-up	(3,583,812)	(3,583,812)	0
18. Other	<u>0</u>	<u>0</u>	<u>0</u>
19. End of Period True-up	<u>(100,296)</u>	<u>(143,402)</u>	<u>43,106</u>

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2017 - December 2017

**Conservation Costs By Program  
Variance Actual Vs. Estimated/Actual**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
<b>Residential Conservation Programs:</b>									
1. Residential Energy Audit and Education	0.50	44,769.56	39,828.96	0.00	(54,109.43)	0.00	30,489.59	0.00	30,489.59
2. Community Energy Saver	0.00	(7,145.45)	(12,259.87)	0.00	0.00	0.00	(19,405.32)	0.00	(19,405.32)
3. Residential Custom Incentive	0.00	476.81	(134.44)	0.00	0.00	0.00	342.37	0.00	342.37
4. HVAC Efficiency	0.00	(172.61)	(177,131.48)	0.00	(19,015.00)	(135,903.00)	(332,222.09)	0.00	(332,222.09)
5. Residential Building Efficiency	0.00	(10,974.01)	(7,846.34)	0.00	0.00	(58,467.75)	(77,288.10)	0.00	(77,288.10)
6. Energy Select	5,085.15	(2,193.91)	(35,967.98)	0.00	27,922.06	0.00	(5,154.68)	0.00	(5,154.68)
<b>Commercial / Industrial Conservation Programs:</b>									
7. Commercial / Industrial Energy Audit	0.00	34,354.87	(13,463.70)	0.00	0.00	0.00	20,891.17	0.00	20,891.17
8. HVAC Retrocommissioning	0.00	2,425.50	38,638.78	0.00	0.00	(8,265.00)	32,799.28	0.00	32,799.28
9. Commercial Building Efficiency	0.00	17,045.19	(9,594.33)	0.00	0.00	(10,000.00)	(2,549.14)	0.00	(2,549.14)
10. Commercial / Industrial Custom Incentive	0.00	3,752.26	1,652.88	0.00	0.00	(25,000.00)	(19,594.86)	0.00	(19,594.86)
11. Residential Time of Use Rate Pilot	0.00	365.12	(6,724.86)	0.00	0.00	0.00	(6,359.74)	0.00	(6,359.74)
12. Conservation Demonstration and Development:	0.00	299.14	9.59	0.00	0.00	0.00	308.73	0.00	308.73
13. Critical Peak Option	0.00	(10,000.00)	(33,901.69)	0.00	0.00	0.00	(43,901.69)	0.00	(43,901.69)
14. Less Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Total All Programs	5,085.65	73,002.47	(216,894.48)	0.00	(45,202.37)	(237,635.75)	(421,644.48)	0.00	(421,644.48)



**Gulf Power Company**

ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2017 - December 2017

**Conservation Costs By Program  
Actual Expenses**

Program	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Material & Expenses	Other	Advertising	Incentives	Sub-Total	Program Revenues	Total
<b>Residential Conservation Programs:</b>									
1. Residential Energy Audit and Education	0.50	1,563,197.21	337,078.60	0.00	248,522.57	0.00	2,148,798.88	0.00	2,148,798.88
2. Community Energy Saver	0.00	84,535.03	656,231.13	0.00	0.00	0.00	740,766.16	0.00	740,766.16
3. Residential Custom Incentive	0.00	61,785.19	2,153.83	0.00	0.00	0.00	63,939.02	0.00	63,939.02
4. HVAC Efficiency	0.00	298,413.17	545,026.52	0.00	(5,000.02)	140,097.00	978,536.67	0.00	978,536.67
5. Residential Building Efficiency	0.00	282,064.34	(18,487.56)	0.00	0.00	156,532.25	420,109.03	0.00	420,109.03
6. Energy Select	2,555,257.13	1,023,008.15	1,803,100.50	0.00	327,922.06	0.00	5,709,287.84	0.00	5,709,287.84
<b>Commercial / Industrial Conservation Programs:</b>									
7. Commercial / Industrial Energy Audit	0.00	613,804.50	67,824.73	0.00	0.00	0.00	681,629.23	0.00	681,629.23
8. HVAC Retrocommissioning	0.00	65,003.95	41,170.97	0.00	0.00	16,735.00	122,909.92	0.00	122,909.92
9. Commercial Building Efficiency	0.00	352,586.83	16,906.63	0.00	0.00	20,315.50	389,808.96	0.00	389,808.96
10. Commercial / Industrial Custom Incentive	0.00	57,498.70	4,248.61	0.00	0.00	0.00	61,747.31	0.00	61,747.31
11. Residential Time of Use Rate Pilot	0.00	23,021.22	16,927.23	0.00	0.00	0.00	39,948.45	0.00	39,948.45
<b>Conservation Demonstration and Development:</b>									
a. Tesla Powerwall Demand Response	0.00	6,278.52	2,215.69	0.00	0.00	0.00	8,494.21	0.00	8,494.21
b. Tesla Powerwall Demand Photovoltaic	0.00	6,278.53	3,485.74	0.00	0.00	0.00	9,764.27	0.00	9,764.27
c. Domestic Hot Water Analysis	0.00	6,278.53	3,031.08	0.00	0.00	0.00	9,309.61	0.00	9,309.61
d. Eaton Smart Breaker Demonstration	0.00	0.00	2,222.82	0.00	0.00	0.00	2,222.82	0.00	2,222.82
e. Total	0.00	18,835.58	10,955.33	0.00	0.00	0.00	29,790.91	0.00	29,790.91
13. Critical Peak Option	0.00	0.00	467,285.31	0.00	0.00	0.00	467,285.31	0.00	467,285.31
14. Total All Programs	2,555,257.63	4,443,753.87	3,950,421.83	0.00	571,444.61	333,679.75	11,854,557.69	0.00	11,854,557.69

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2017 - December 2017  
**Conservation Costs By Program**  
**Summary of Actual Expenses By Program By Month**

Program	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Residential Conservation Programs:</b>													
1. Residential Energy Audit and Education Amortization & Return on Investment	133,582.82	149,980.49	172,587.56	143,636.01	158,249.84	152,433.57	199,593.94	321,821.28	249,180.03	180,550.88	135,782.38	151,399.58	2,148,798.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
<b>Total</b>	<b>133,582.82</b>	<b>149,980.49</b>	<b>172,587.56</b>	<b>143,636.01</b>	<b>158,249.84</b>	<b>152,433.57</b>	<b>199,593.94</b>	<b>321,821.28</b>	<b>249,180.03</b>	<b>180,550.88</b>	<b>135,782.38</b>	<b>151,400.08</b>	<b>2,148,798.88</b>
2. Community Energy Saver	66,835.09	49,512.58	58,051.11	55,344.21	45,812.31	57,474.63	85,890.88	5,379.08	134,014.22	67,929.19	60,057.60	54,765.26	740,766.16
3. Residential Custom Incentive	5,366.46	4,852.54	5,500.26	5,171.30	5,595.90	5,312.19	5,588.25	5,403.56	5,709.44	4,082.48	5,112.21	6,244.43	63,999.02
4. HVAC Efficiency	78,352.93	111,353.36	95,647.40	76,334.59	109,198.25	90,559.03	53,360.41	72,938.99	102,958.14	92,752.42	40,233.27	54,847.88	978,536.67
5. Residential Building Efficiency	40,037.81	34,007.00	65,523.38	44,334.77	32,702.20	(17,851.03)	33,330.40	52,444.14	30,396.03	30,039.85	38,612.97	36,531.51	420,109.03
6. Energy Select	204,607.92	207,367.89	155,817.93	439,735.69	353,324.22	205,558.81	272,967.73	256,869.45	258,945.20	219,785.69	238,091.61	340,958.57	3,154,030.71
Amortization & Return on Investment	201,886.72	202,363.42	202,601.26	211,755.56	213,158.45	213,605.09	214,587.63	215,998.43	217,868.50	219,388.84	220,484.84	221,558.39	2,555,257.13
<b>Total</b>	<b>406,494.64</b>	<b>409,731.31</b>	<b>358,419.19</b>	<b>651,491.25</b>	<b>566,482.67</b>	<b>419,163.90</b>	<b>487,555.36</b>	<b>472,867.88</b>	<b>476,813.70</b>	<b>439,174.53</b>	<b>458,576.45</b>	<b>562,516.96</b>	<b>5,709,287.84</b>
<b>Commercial / Industrial Conservation Programs:</b>													
7. Commercial / Industrial Energy Audit	55,894.31	51,063.03	53,313.11	57,552.05	54,080.36	58,466.20	57,487.85	50,755.54	60,999.27	46,969.13	56,362.80	78,685.58	681,629.23
8. HVAC Retrocommissioning	5,337.69	5,179.93	5,644.39	5,266.12	5,707.24	5,420.27	10,159.72	13,708.50	17,493.28	13,469.23	26,506.10	9,017.45	122,909.92
9. Commercial Building Efficiency	37,771.30	35,154.92	28,698.35	31,684.26	32,108.70	9,169.57	37,120.21	30,518.09	40,720.95	28,392.65	30,165.08	48,304.88	389,808.96
10. Commercial / Industrial Custom Incentive	4,639.90	4,451.74	4,932.32	4,535.42	4,983.76	4,628.03	5,431.09	5,195.58	6,231.96	4,132.32	4,794.58	7,790.61	61,747.31
<b>11. Residential Time of Use Rate Pilot</b>	<b>2,231.83</b>	<b>2,040.73</b>	<b>10,749.27</b>	<b>1,986.48</b>	<b>4,109.22</b>	<b>2,036.66</b>	<b>2,055.08</b>	<b>3,013.00</b>	<b>4,483.42</b>	<b>2,967.82</b>	<b>2,038.01</b>	<b>2,236.93</b>	<b>39,948.45</b>
<b>12. Conservation Demonstration and Development:</b>													
a. Tesla Powerwall Demand Response	558.78	2,222.15	596.20	541.76	565.29	559.46	625.63	548.96	582.18	532.01	551.74	610.05	8,494.21
b. Tesla Powerwall Demand Photovoltaic	1,873.12	3,931.15	(1,129.13)	541.76	601.17	543.41	566.44	561.06	581.48	532.01	551.74	610.06	9,764.27
c. Domestic Hot Water Analysis	573.72	515.69	596.19	541.76	565.29	543.41	534.34	532.91	620.48	3,074.58	576.46	634.78	9,309.61
d. Eaton Smart Breaker Demonstration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,222.82	0.00	2,222.82
<b>e. Total</b>	<b>3,005.62</b>	<b>6,668.99</b>	<b>63.26</b>	<b>1,625.28</b>	<b>1,731.75</b>	<b>1,646.28</b>	<b>1,726.41</b>	<b>1,642.93</b>	<b>1,784.14</b>	<b>4,138.60</b>	<b>3,902.76</b>	<b>1,854.89</b>	<b>29,790.91</b>
<b>13. Critical Peak Option</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>80,923.96</b>	<b>80,752.28</b>	<b>78,550.21</b>	<b>78,460.64</b>	<b>57,716.45</b>	<b>90,881.77</b>	<b>467,285.31</b>
<b>14. Total All Programs</b>	<b>839,550.40</b>	<b>863,996.62</b>	<b>859,129.60</b>	<b>1,078,961.74</b>	<b>1,020,762.20</b>	<b>788,459.30</b>	<b>1,060,223.56</b>	<b>1,116,440.85</b>	<b>1,209,334.79</b>	<b>992,759.74</b>	<b>919,860.66</b>	<b>1,105,078.23</b>	<b>11,854,557.69</b>

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2017 - December 2017

**Conservation Costs By Program  
Calculation of Over/Under Recovery**

Conservation Revenues	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. EnergySelect RSVP Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Over/(Under) Recovery	1,039,507.52 (276,115.00)	918,715.46 (276,117.00)	1,087,080.00 (276,117.00)	1,089,569.55 (276,117.00)	1,385,178.41 (276,117.00)	1,438,808.76 (276,117.00)	1,748,223.31 (276,117.00)	1,749,647.25 (276,117.00)	1,447,521.34 (276,117.00)	1,371,602.47 (276,117.00)	989,312.82 (276,117.00)	1,089,208.67 (276,117.00)	15,354,375.56 (3,313,402.00)
3. Total Revenues	1,039,507.52 (276,115.00)	918,715.46 (276,117.00)	1,087,080.00 (276,117.00)	1,089,569.55 (276,117.00)	1,385,178.41 (276,117.00)	1,438,808.76 (276,117.00)	1,748,223.31 (276,117.00)	1,749,647.25 (276,117.00)	1,447,521.34 (276,117.00)	1,371,602.47 (276,117.00)	989,312.82 (276,117.00)	1,089,208.67 (276,117.00)	15,354,375.56 (3,313,402.00)
4. Adjustment not Applicable to Period - Prior True Up													
5. Conservation Revenues Applicable to Period	763,392.52	642,598.46	810,963.00	813,452.55	1,109,061.41	1,162,691.76	1,472,106.31	1,473,530.25	1,171,404.34	1,095,485.47	713,195.82	813,091.67	12,040,973.56
6. Conservation Expenses (CT-3, Page 3, Line 14)	839,550.40	863,996.62	859,129.60	1,078,961.74	1,020,762.20	788,459.30	1,060,223.56	1,116,440.85	1,209,334.79	992,759.74	919,860.66	1,105,078.23	11,854,557.69
7. True Up this Period (Line 5 - 6)	(76,157.88)	(221,398.16)	(48,166.60)	(265,509.19)	88,299.21	374,232.46	411,882.75	357,089.40	(37,930.45)	102,725.73	(206,664.84)	(291,986.56)	186,415.87
8. Interest Provision this Period (CT-3, Page 5, Line 11)	(2,119.33)	(1,931.20)	(2,119.31)	(2,326.54)	(2,199.80)	(2,039.88)	(1,599.17)	(986.04)	(485.41)	(267.10)	(118.43)	(108.78)	(16,300.99)
9. True Up & Interest Provision Beginning of Month	(3,583,812.66)	(3,385,974.87)	(3,333,187.23)	(3,107,356.14)	(3,099,074.87)	(2,736,858.46)	(2,088,548.88)	(1,402,148.30)	(769,927.94)	(532,226.80)	(153,651.17)	(84,317.44)	(3,583,812.66)
10. Prior True Up Collected or Refunded	276,115.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	276,117.00	3,313,402.00
11. End of Period- Net True Up	(3,385,974.87)	(3,333,187.23)	(3,107,356.14)	(3,099,074.87)	(2,736,858.46)	(2,088,548.88)	(1,402,148.30)	(769,927.94)	(532,226.80)	(153,651.17)	(84,317.44)	(100,295.78)	(100,295.78)

**Gulf Power Company**  
ENERGY CONSERVATION COST RECOVERY (ECCR)  
Calculation of the Final True-Up Amount  
For the Period: January 2017 - December 2017

**Computation of Interest Expense  
Energy Conservation Adjustment**

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Beginning True up Amount	(3,583,812.66)	(3,395,974.87)	(3,333,187.23)	(3,107,356.14)	(3,099,074.87)	(2,736,858.46)	(2,085,548.88)	(1,402,148.30)	(769,927.94)	(532,226.80)	(153,651.17)	(84,317.44)	
2. Ending True up before Interest	(3,383,855.54)	(3,331,256.03)	(3,105,236.83)	(3,096,748.33)	(2,734,658.66)	(2,086,509.00)	(1,400,549.13)	(768,941.90)	(531,741.39)	(153,384.07)	(84,199.01)	(100,187.00)	
3. Total beginning & ending	(6,967,668.20)	(6,717,230.90)	(6,438,424.06)	(6,204,104.47)	(5,833,733.53)	(4,823,367.46)	(3,489,098.01)	(2,171,090.20)	(1,301,669.33)	(685,610.87)	(237,850.18)	(184,504.44)	
4. Average True up Amount	(3,483,834.10)	(3,358,615.45)	(3,219,212.03)	(3,102,052.24)	(2,916,866.77)	(2,411,683.73)	(1,744,549.01)	(1,085,545.10)	(650,834.66)	(342,805.43)	(118,925.09)	(92,252.22)	
5. Interest Rate First Day Reporting Business Month	0.7200	0.7400	0.6400	0.9400	0.8600	0.9500	1.0800	1.1200	1.0600	0.7300	1.1400	1.2500	
6. Interest Rate First Day Subsequent Business Month	0.7400	0.6400	0.9400	0.8600	0.9500	1.0800	1.1200	1.0600	0.7300	1.1400	1.2500	1.5800	
7. Total of Lines 5 and 6	1.4600	1.3800	1.5800	1.8000	1.8100	2.0300	2.2000	2.1800	1.7900	1.8700	2.3900	2.8300	
8. Average Interest rate (50% of Line 7)	0.7300	0.6900	0.7900	0.9000	0.9050	1.0150	1.1000	1.0900	0.8950	0.9350	1.1950	1.4150	
9. Monthly Average Interest Rate Line 8 \ 12	0.000608	0.000575	0.000658	0.000750	0.000754	0.000846	0.000917	0.000908	0.000746	0.000779	0.000996	0.001179	
10. Interest Adjustment	(2,119.33)	(1,931.20)	(2,119.31)	(2,326.54)	(2,199.80)	(2,039.88)	(1,599.17)	(986.04)	(485.41)	(267.10)	(118.43)	(108.78)	
11. Interest Provision (Line 4 X 9)													(16,300.99)

**Gulf Power Company**  
**ENERGY CONSERVATION COST RECOVERY (ECCR)**  
 Calculation of the Final True-Up Amount  
**For the Period: January 2017 - December 2017**  
**Schedule of Capital Investment, Depreciation and Return**  
**Energy Select**

Line No. Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investments Added to Plant In Service (Net of Retirements)		86,808.76	87,539.11	100,201.78	278,547.13	54,241.58	59,630.77	66,486.71	152,402.17	172,697.83	22,014.53	387,388.84	155,356.26	
2 Depreciable Base (Cumulative Plant Additions PM Ln 2 + CM Ln 1)	14,798,109.54	14,884,918.30	14,972,457.41	15,072,659.19	15,351,206.32	15,405,447.90	15,465,078.67	15,586,002.25	15,714,576.32	15,833,659.99	15,988,886.71	16,106,553.62	16,214,255.60	
3 Depreciation Expense (Note A)		34,035.65	34,235.31	34,436.65	34,667.12	35,307.77	35,432.53	35,569.68	35,847.81	36,143.53	36,417.42	36,774.44	37,045.07	425,912.98
4 Salvage, Cost of Removal and Retirement		(6,271.03)	(1,924.73)	19,410.48	(13,181.62)	(3,340.19)	10,600.14	(16,891.57)	(33,856.88)	(4,574.89)	2,805.52	(8,295.36)	(15,372.50)	
5 Less: Accum. Depr. COR and Sal. (PM Ln 5 + CM Ln 3 + 4)	(8,098,295.91)	(8,070,531.29)	(8,038,220.71)	(7,984,373.58)	(7,962,888.08)	(7,930,920.50)	(7,884,887.83)	(7,866,209.72)	(7,864,218.79)	(7,832,650.15)	(7,793,427.21)	(7,764,948.13)	(7,743,275.56)	
6 Net Plant In Service (CM Ln 2 - CM Ln 5)	22,896,405.45	22,955,449.59	23,010,678.12	23,057,032.77	23,314,094.40	23,336,368.40	23,349,966.50	23,452,211.97	23,578,795.11	23,666,310.14	23,782,313.92	23,871,501.75	23,957,531.16	
7 Net Additions/Reductions to CWIP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8 CWIP Balance (PM Ln 8 + CM Ln 7)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 Inventory	581,105.07	570,634.43	550,014.60	480,010.89	434,326.65	418,065.95	490,262.48	543,370.36	584,498.13	778,317.25	736,499.70	783,901.36	790,297.91	
10 Net Investment (CM Ln 6 + CM Ln 8 + CM Ln 9)	23,477,510.52	23,526,084.02	23,560,692.72	23,537,043.66	23,748,421.05	23,754,454.35	23,840,228.98	23,995,582.33	24,163,293.24	24,444,627.39	24,518,813.62	24,655,403.11	24,747,829.07	
11 Average Net Investment (PM Ln 10 + CM Ln 10/2)	23,501,797.27	23,543,388.37	23,548,868.19	23,642,732.36	23,751,437.70	23,797,341.67	23,917,905.66	24,079,437.79	24,303,960.32	24,481,720.51	24,587,108.37	24,701,616.09	24,701,616.09	
12 Rate of Return / 12 (Note B)	0.006661	0.006661	0.006661	0.006661	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	0.007012	
13 Return Requirement on Average Net Investment (CM Ln 11 * CM Ln 12)	156,545.47	156,822.51	156,859.01	165,782.84	166,545.08	166,866.96	167,712.35	168,845.02	170,419.37	171,665.82	172,404.80	173,207.73	173,207.73	
14 Property Tax	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.60	11,305.59	135,667.19
15 Total Depreciation, Prop Taxes & Return (CM Ln 3 + CM Ln 13 + CM Ln 14)	201,886.72	202,363.42	202,801.26	211,755.56	213,158.45	213,605.09	214,587.63	215,998.43	217,888.50	219,388.84	220,484.84	221,568.39	221,568.39	2,553,257.13

Notes:  
 (A) Energy Select Property Additions Depreciated at 2.7% per year.  
 (B) Revenue Requirement Return (includes Income Taxes) is: Jan - Mar 7.9932%; Apr - Jun 8.4144%; Jul - Dec 8.4144%.

**CT-5**

GULF POWER COMPANY

Reconciliation and Explanation of  
Differences Between Filing and FPSC Audit  
Report for Months, January 2017 through December 2017

The audit has not been completed as of the date of this Filing.

### Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Accomplishments:

- Energy Audit – During 2017, Gulf performed 12,314 energy audits. These included 5,037 online audits, 1,289 in-home audits, and 5,988 pre-construction audits.
- School-based Awareness and Education
  - Gulf provided professional development in energy-related science and math for 88 elementary, middle, and high school teachers who reach an estimated 3,424 students. These teachers received continuing education credits as well as hands-on energy, efficiency and renewable energy classroom materials and curriculum.
  - Gulf provided workshops for instructors of student summer camps in STEM (Science Technology Engineering Math) in multiple partnerships:
    - FSU Panama City STEM Institute's Summer Camp program that reached approximately 300 eighth through tenth grade students in Bay County;
    - Bay County School District Twenty first Century Community Learning Center initiative that reached 240 fourth, fifth and sixth grade students;
    - Northwest Florida State College Kids on Campus summer program reached 210 third through eighth grade students;
  - Gulf coordinated monthly activities with student energy teams at six schools, measuring energy use at the school and creating a plan to use energy wisely at school and home. Total student reach is 180 students directly.
  - Gulf continued to provide classroom demonstrations and hands-on energy-related activities in schools on a monthly basis reaching nearly 500 students. Also, Gulf continued to provide energy-related onsite and material support for two hands-on interactive science museums which each average 100 attendees daily throughout the year. Total direct reach was 4,950 students and 94 teachers.

Program Fiscal Expenditures: For 2017, Gulf projected \$2,118,309 of expenses compared to actual expenses of \$2,148,799 resulting in a variance of \$30,490 or 1.4% over the projection.

Program Progress Summary: Since the approval of this program, Gulf Power Company has performed 241,805 residential energy surveys.



### Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also educates families on energy efficiency techniques and behavioral changes to help control their energy use and reduce their electricity expenses.

Program Accomplishments: During 2017, 2,500 of Gulf's customers received the measures included in this program compared to a projection of 2,500 participants, a difference of zero to the projection.

Program Fiscal Expenditures: For 2017, Gulf projected expenses for this program of \$760,171 compared to actual expenses of \$740,766 resulting in a variance of \$19,405 or 2.6% under the projection.

Program Progress Summary: A total of 17,505 customers have received the efficiency measures included in the Community Energy Saver program since the program's launch in 2011.

### Program Description and Progress

Program Title: Residential Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs, such as HVAC maintenance and quality installation, high performance windows, reflective roofing and Energy Star window A/Cs. Additional incentives will be included, as appropriate, to overcome the split-incentive barrier which exists in a landlord/renter situation. Moreover, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Accomplishments: During 2017, no participants enrolled in this program. While there are no participants recorded in this year, Gulf continues to work with customers in the rental property sector.

Program Fiscal Expenditures: During 2017, \$63,597 in expenses were projected, compared to actual expenses of \$63,939 resulting in a variance of \$342 or 0.5% over the projection.

Program Progress Summary: Since its launch in 2011, one customer has participated in the Landlord/Renter Custom Incentive program.

Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- Duct repair
- HVAC Quality Installation

Program Accomplishments: During 2017, compared to the projection for 2017, the following participation was achieved:

<b>Measure</b>	<b>2017 Year End Projection</b>	<b>2017 Actual Participation</b>	<b>Variance</b>
HVAC maintenance	3,874	1,278	(2,596)
Duct repair	1,503	478	(1,025)
HVAC Quality Installation	602	708	106

Program Fiscal Expenditures: – For 2017, Gulf projected \$1,310,759 in expenses compared to actual expenses of \$978,537 resulting in a variance of \$332,222 or 25.3% under the projection.

Program Progress Summary: Since its launch in 2013, the following participation has been achieved:

<b>Measure</b>	<b>Program to Date Actual Participation</b>
HVAC maintenance	37,793
Duct repair	21,841
HVAC Quality Installation	1,275

Program Description and Progress

Program Title: Residential Building Efficiency Program

Program Description: The Residential Building Efficiency Program is designed as an umbrella efficiency program for existing and new residential customers to encourage the installation of eligible equipment and materials as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for energy saving measures; to increase availability and market penetration; and to contribute toward long-term energy savings and peak demand reductions.

- High Performance Windows
- Reflective Roof
- ENERGY STAR Window A/C

Program Accomplishments: During 2017, compared to the projection for 2017, the following participation was achieved:

<b>Measure</b>	<b>2017 Year End Projection</b>	<b>2017 Actual Participation</b>	<b>Variance</b>
High Performance Windows	307	295	(12)
Reflective Roof	308	206	(102)
ENERGY STAR Window A/C	28	9	(19)

Program Fiscal Expenditures: For 2017, Gulf projected \$497,397 in expenses compared to actual expenses of \$420,109 resulting in a variance of \$77,288 or 15.5% under the projection.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

<b>Measure</b>	<b>Program to Date Actual Participation</b>
High Performance Windows	5,010
Reflective Roof	1,607
ENERGY STAR Window A/C	823

### Program Description and Progress

Program Title: Energy *Select*

Program Description: The overall program is designed to provide customers with a means of controlling their energy purchases by conveniently programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Accomplishments: During 2017, the Energy *Select* program experienced a net addition of 1,439 participants compared to a projection of 1,600 or 161 under the projection.

Program Fiscal Expenditures: During 2017, there were projected expenses of \$5,714,443 compared with actual expenses of \$5,709,288. This results in a deviation of \$5,155 or 0.1% under the projection.

Program Progress Summary: As of December 2017, there are 19,159 customers participating in the Energy *Select* program.

### Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to Gulf's existing commercial and industrial customers on how to reduce and make the most efficient use of energy. This program covers from the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large, energy-intensive customers. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or an on-line survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Accomplishments: During 2017, the Company performed 222 commercial/industrial audits. The total projection for 2017 was 262 audits for a variance of 40 fewer participants than projected.

Program Fiscal Expenditures: For 2017, Gulf projected expenses of \$660,738 compared to actual expenses of \$681,629 for a deviation of \$20,891 or 3.2% over budget.

Program Progress Summary: Since this program was launched, 22,936 commercial/industrial audits have been performed.

### Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and to make improvements to the system to bring it to full efficiency. This program includes air cooled and water-cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Accomplishments: During 2017, 214 customers participated in this program compared to a projection of 60 participants, resulting in a variance of 154 more participants than projected.

Program Fiscal Expenditures: For 2017, the Company projected \$90,111 in program expenses compared to actual expenses of \$122,910 resulting in a variance of \$32,799 or 36.4% over the projection.

Program Progress Summary: Since its launch in 2011, 1,226 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through commercial geothermal heat pumps, ceiling/roof insulation, and reflective roofs.

Program Accomplishments: During 2017, compared to the 2017 projection, the measures in this program have had the following participation:

<b>Program</b>	<b>Annual Projections (2017)</b>	<b>Actual Participation (2017)</b>	<b>Variance</b>
Commercial Geothermal Heat Pump (tons of installed HVAC)	50	0	(50)
Ceiling/Roof Insulation (square feet)	26,660	19,744	(6,916)
Commercial Reflective Roof (square feet)	76,606	33,202	(43,404)

Program Fiscal Expenditures: During 2017, the Company projected \$392,358 in expenses compared to actual expenses of \$389,809 for a variance of \$2,549 or 0.6% under the projection.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

<b>Program</b>	<b>Program to Date Participation</b>
Commercial Geothermal Heat Pump (tons of installed HVAC)	578
Ceiling/Roof Insulation (square feet)	368,002
Commercial Reflective Roof (square feet)	3,307,556



### Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Accomplishments: During 2017, 1 customer participated in this program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$81,342 compared to actual expenses of \$61,747 resulting in a variance of \$19,595, or 24.1% under the projection.

Program Progress Summary: Since its launch in 2011, 16 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter reductions of 8,770,333 kWh (energy), 1,341 winter kW (demand) and 1,751 summer kW (demand).

### Program Description and Progress

Program Title: Critical Peak Option (CPO)

Program Description: This program offers customers on Gulf Power's Large Power Time of Use (LPT) rate schedule an option to receive credits for capacity that can be reduced during peak load conditions (critical peak events). The program provides a fixed, per KW credit for measured On-Peak Demand and a Critical Peak Demand Charge for any measured demand recorded during a called critical peak event.

Program Accomplishments: During 2017, there were 25 customers participating in this program.

Program Fiscal Expenditures: During the reporting period, the Company projected expenses of \$511,187 compared to actual expenses of \$467,285 resulting in a variance of \$43,902, or 8.6% under the projection.

Program Progress Summary: This program became a part of Gulf's DSM Plan effective July 1, 2017, pursuant to Gulf's Stipulation and Settlement Agreement approved by the Commission in Order No. PSC-17-0178-S-EI, dated May 16, 2017.

### Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program

Program Description: The Residential Service Time of Use (RSTOU) rate pilot provides residential customers the opportunity to use customer-owned equipment to respond automatically to, and take advantage of, a variable pricing structure with a critical peak credit component. In order to control program expenses and facilitate monitoring and evaluation, participation in the pilot is limited to 400 residential customers who meet the program standards. To further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot offers customers a per event credit for allowing their thermostat to automatically adjust their HVAC equipment settings during a critical event period. This option puts the customer in complete control of their energy purchase without utility-owned equipment. The objective of this pilot is to measure customers' response to a variable price rate with customer-owned equipment. Customers have an opportunity for additional savings by shifting energy purchases to the lower priced periods, while providing peak demand reduction during the high and critical periods.

Program Accomplishments: During 2017, there were 330 customers participating in this pilot.

Program Fiscal Expenditures: During 2017, the Company projected expenses of \$46,308 compared to actual expenses of \$39,948 resulting in a variance of \$6,360 or 13.7% under the projection.

Program Progress Summary: Since its launch in February 2016, 330 customers have participated in this program.

### Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

#### **Tesla Powerwall Demand Response (DR)**

Modern-day battery storage provided by Tesla may be able to improve the effectiveness of current “Demand Response” programs. Demand response can refer to *load shedding* as well as *load shifting*.

The Powerwall DR CDD Project evaluates the impact of:

1. *Load Shifting:* Battery storage’s ability to maximize the impact of TOU rates by charging during off-peak/low periods and discharging during on-peak/medium-high periods.
2. *Peak Reduction:* Battery storage’s ability to be dispatched at specific times (critical peak events) to supplement the demand response capability of Energy Select.

Data monitoring is used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspective of the customer and the utility.

Tesla’s daily cycle 6.4kWh Powerwall is interconnected to a SolarEdge StorEdge inverter and existing Energy Select equipment. TOU times and critical peak dispatches are accessed through the inverter’s internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project by mid-year 2018.

#### **Tesla Powerwall Demand Photovoltaic (PV)**

Modern-day battery storage provided by Tesla may be able to overcome two of the typical shortcomings of grid-tied solar photovoltaics: the limited “daytime” periods of generation and the intermittency of output (due to shade or cloud cover).

The Powerwall PV CDD Project evaluates the impact of:

1. *Solar Shifting*: Battery storage's impact on peak demand by charging during the normal PV generation period and discharging during on-peak/medium-high periods.
2. *Solar Smoothing*: Battery storage's ability to stabilize the PV output during adverse weather conditions / cloud cover or shading caused by obstructions.

Data monitoring is used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspective of the customer and the utility.

Tesla's daily cycle 6.4kWh Powerwall is interconnected to a SolarEdge StorEdge inverter and a retrofitted/existing 5kW photovoltaic installation. Charge and discharge time periods are programmed within the inverter's internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project by mid-year 2018.

### **Domestic Hot Water Analysis**

This project aims to address an underserved area of the heat pump water heating market: small commercial buildings. Specific focus was paid to the food service industry due to their potential for large domestic hot water usage. These building types are too small and cannot handle the capital intensity of large, engineered heat pump water heating systems; and it is unknown if their usage patterns could be supported by an integrated, residential-sized heat pump water heater. Thus, this project's objectives are as follows:

- Identified customers for participation in this study: Fast food, sandwich shops, cafeteria-style eateries, convenience stores, small laundries, and salons
- Collected number of and type of hot water end uses at each site.
- Installed field monitoring on 10 small commercial building types.
- Collected up to six months of hot water usage data at each site.
- Analyzed the collected data to develop usage patterns for each site.
- Produced a final report including recommendations to manufacturers on optimal approaches to the small commercial heat pump water heater market.

Collected data was used to produce daily water consumption load shapes for each site type. The data was analyzed and reviewed to determine the proper sizing of heat pump water heaters that will support the average recognized usage patterns.

Based on the data, a residential-sized heat pump water heater will handle the hot water needs in the small commercial food service industry. The data was shared with manufacturers to show their product development organization the need for a commercial grade heat pump water heater that fits in a residential-sized water heater footprint.

#### **Eaton Smart Breaker Test**

This test evaluates the potential demand limiting or reduction capabilities and techniques of Eaton's "smart circuit breaker" which has remote control and advanced metering built into the circuit breaker. A secondary goal is to identify use cases that will improve energy efficiency in a connected home environment.

The research data from this project provides information on how to design a program within the connected home space. These devices will potentially be coupled with other platforms to enhance demand response and energy efficiency program offerings.

Program Fiscal Expenditures: Program expenses were forecasted at \$29,482 for the period January through December 2017 compared to actual expenses of \$29,791 for a deviation of \$309 or 1.0% over the projection. Project expenses were as follows: Tesla Powerwall Demand Response, \$8,494; Tesla Powerwall Demand Photovoltaic, \$9,764; Domestic Hot Water Analysis, \$9,310 and Eaton Smart Breaker, \$2,223.

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY CLAUSE  
INDEX OF SCHEDULES

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 13  
PARTY: GULF POWER COMPANY (GULF) –  
(DIRECT)  
DESCRIPTION: John N. Floyd JNF-2

GULF POWER COMPANY  
 ENERGY CONSERVATION CLAUSE  
 SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION  
 For the Period: January, 2019 Through December, 2019

		\$
1.	Net Program Costs: Projected for 2019 (Schedule C-2 Page 2 of 3, Line 17)	14,779,215
2.	True Up: Estimated 2018 (Jan-Jun Actual; Jul-Dec Est.) (Schedule C-3, Page 3 of 5, Line 11)	(2,011,934)
3.	Total (Line 1 + Line 2)	12,767,281
4.	Cost Subject to Revenue Taxes	12,767,281
5.	Revenue Tax	1.00072
6.	Total Recoverable Cost	12,776,473

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on schedule C-2, page 2 of 3, and is consistent with the methodology set forth in FPSC Order No. PSC-93-1845-FOF-EG.

7.	Total Cost	12,776,473
8.	Energy Related Costs	8,957,827
9.	Demand Related Costs (total)	3,818,646
10.	Demand Costs Allocated on 12 CP	3,524,904
11.	Demand Costs Allocated on 1/13 th	293,742

	Energy \$	* Demand \$	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes	
	\$	\$	\$	\$	\$	\$	
12.	Est/Actual 2018	9,039,589	3,107,652	12,147,241	(1,498,295)	(515,088)	(2,013,383)
13.	Percentage	74.42%	25.58%	100.00%			
14.	Projected 2019	10,448,599	4,330,616	14,779,215	10,456,122	4,333,734	14,789,856
15.	Percentage	70.70%	29.30%	100.00%			
16.	Total			8,957,827	3,818,646	12,776,473	

\* Note: Demand dollars are half of Energy Select, all of Critical Peak Option and all of Curtailable Load.



GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY FACTORS  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
For the Period: January, 2019 Through December, 2019

Rate Class	A Average 12 CP Load Factor at Meter	B Jan - Dec 2019 Projected KWH Sales at Meter	C Projected Avg 12 CP KW at Meter	D Demand Loss Expansion Factor	E Energy Loss Expansion Factor	F Jan - Dec 2019 Projected KWH Sales at Generation	G Projected Avg 12 CP KW at Generation	H Jan - Dec 2019 Percentage of KWH Sales at Generation	I Percentage of 12 CP KW Demand at Generation
RS, RSVP, RSTOU	57.542346%	5,300,092,000	1,051,458	1.00609343	1.00559591	5,329,750,838	1,057,865	49.48355%	57.36917%
GS	63.463164%	299,818,000	53,930	1.00608241	1.00559477	301,495,413	54,258	2.79920%	2.94248%
GSD, GSDT, GSTOU	73.488079%	2,546,024,000	395,495	1.00590017	1.00544671	2,559,891,454	397,829	23.76706%	21.57471%
LP, LPT	82.760718%	828,364,000	114,260	0.98747379	0.99210885	821,827,255	112,828	7.63017%	6.11881%
PX, PXT, RTP, SBS	85.375300%	1,642,739,000	219,651	0.96884429	0.97666479	1,604,405,340	212,807	14.89594%	11.54077%
OS - I / II	416.652542%	104,912,000	2,874	1.00619545	1.00560119	105,499,632	2,892	0.97950%	0.15685%
OS-III	99.799021%	47,618,000	5,447	1.00617773	1.00558881	47,884,128	5,480	0.44458%	0.29721%
<b>TOTAL</b>		<b>10,769,567,000</b>	<b>1,843,115</b>			<b>10,770,754,060</b>	<b>1,843,960</b>	<b>100.000000%</b>	<b>100.000000%</b>

**Notes:**  
Column A = Average 12 CP load factor based on actual 2015 load research data.  
Column C = Column B / (8760 hours x Column A), 8,760 is the number of hours in 12 months.  
Column F = Column B x Column E  
Column G = Column C x Column D  
Column H = Column F / Total Column F  
Column I = Column G / Total Column G

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY FACTORS  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
For the Period: January, 2019 Through December, 2019

Rate Class	A	B	C	D	E	F	G	H
	Jan - Dec 2019 Percentage of KWH Sales at Generation	Percentage of 12 CP KW Demand at Generation	Demand Allocation 12CP	1/13 th	Energy Allocation	Total Conservation Costs	Jan - Dec 2019 Projected KWH Sales at Meter	Conservation Recovery Factor cents per KWH
RS, RSVP, RSTOU	49.48355%	57.36917%	\$2,022,208	\$145,354	\$4,432,651	\$6,600,213	5,300,092,000	0.125
GS	2.79920%	2.94248%	103,720	8,222	250,747	362,689	299,818,000	0.121
GSD, GSDT, GSTOU	23.76706%	21.57471%	760,488	69,814	2,129,012	2,959,314	2,546,024,000	0.116
LP, LPT	7.63017%	6.11881%	215,682	22,413	683,497	921,592	828,364,000	0.111
PX, PXT, RTP, SBS	14.89594%	11.54077%	406,801	43,756	1,334,353	1,784,910	1,642,739,000	0.109
OS - I / II	0.97950%	0.15685%	5,529	2,877	87,742	96,148	104,912,000	0.092
OS-III	0.44458%	0.29721%	10,476	1,306	39,825	51,607	47,618,000	0.108
<b>TOTAL</b>	<b>100.00000%</b>	<b>100.00000%</b>	<b>\$3,524,904</b>	<b>\$293,742</b>	<b>\$8,957,827</b>	<b>\$12,776,473</b>	<b>10,769,567,000</b>	

**Notes:**

- A Obtained from Schedule C-1, page 2 of 3, column H
- B Obtained from Schedule C-1, page 2 of 3, column I
- C Total from C-1, page 1, line 10 \* column B
- D Total from C-1, page 1, line 11 \* column A
- E Total from C-1, page 1, line 8 \* column A
- F Sum of Columns C, D and E
- G Projected kWh sales for the period January 2018 through December 2018
- H Column F / G

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
PROJECTED CONSERVATION PROGRAM NET COSTS  
For the Period: January, 2019 Through December, 2019

Programs	Depreciation, Return & Property Taxes	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
<b>Residential Conservation Programs:</b>									
1. Residential Energy Audit and Education	0	923,306	397,101	0	329,677	0	1,650,084	0	1,650,084
2. Community Energy Saver	0	124,173	735,792	0	0	0	859,965	0	859,965
3. Residential Custom Incentive	0	28,433	51,091	0	0	50,000	129,524	0	129,524
4. HVAC Efficiency	0	280,235	1,068,938	0	0	565,000	1,914,173	0	1,914,173
5. Residential Building Efficiency	0	210,348	96,823	0	0	197,000	504,171	0	504,171
6. Energy Select	3,348,704	1,072,566	2,551,759	0	282,687	0	7,255,716	0	7,255,716
<b>Subtotal</b>	<b>3,348,704</b>	<b>2,639,061</b>	<b>4,901,504</b>	<b>0</b>	<b>612,364</b>	<b>812,000</b>	<b>12,313,633</b>	<b>0</b>	<b>12,313,633</b>
<b>Commercial / Industrial Conservation Programs:</b>									
7. Commercial / Industrial Audit	0	467,265	131,697	0	0	0	598,962	0	598,962
8. HVAC Retrocommissioning	0	93,712	68,777	0	0	25,000	187,489	0	187,489
9. Commercial Building Efficiency	0	266,760	112,182	0	0	177,500	556,442	0	556,442
10. Commercial / Industrial Custom Incentive	0	41,168	28,763	0	0	50,000	119,931	0	119,931
<b>Subtotal</b>	<b>0</b>	<b>868,905</b>	<b>341,419</b>	<b>0</b>	<b>0</b>	<b>252,500</b>	<b>1,462,824</b>	<b>0</b>	<b>1,462,824</b>
11. Residential Time of Use Rate Pilot	0	7,662	35,338	0	0	7,000	50,000	0	50,000
12. Conservation Demonstration and Development	0	95,984	154,016	0	0	0	250,000	0	250,000
13. Critical Peak Option	0	0	0	0	0	0	0	0	0
14. Curtailable Load	0	0	25,000	0	0	677,758	702,758	0	702,758
15. Total All Programs	3,348,704	3,611,612	5,457,277	0	612,364	1,749,258	14,779,215	0	14,779,215
16. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
17. Net Program Costs	3,348,704	3,611,612	5,457,277	0	612,364	1,749,258	14,779,215	0	14,779,215

GULF POWER COMPANY  
 ENERGY CONSERVATION CLAUSE  
 PROJECTED CONSERVATION PROGRAM COSTS (NET OF PROGRAM FEES)  
 For the Period: January, 2019 Through December, 2019

Programs	12 MONTH TOTAL												ENERGY COSTS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		DEMAND COSTS
<b>Residential Conservation Programs:</b>														
1. Residential Energy Audit and Education	94,752	101,068	234,013	141,778	144,308	144,359	97,805	278,604	113,222	103,377	99,829	96,969	1,650,084	1,650,084
2. Community Energy Saver	69,422	73,010	75,219	73,465	71,103	72,554	69,687	75,089	69,770	70,220	69,463	70,963	859,965	859,965
3. Residential Custom Incentive	9,806	10,856	12,682	11,412	13,426	11,468	12,909	12,621	7,478	13,440	6,429	6,997	129,524	129,524
4. HVAC Efficiency	180,306	171,926	182,856	172,172	173,222	148,706	174,900	184,124	129,315	133,458	127,422	135,766	1,914,173	1,914,173
5. Residential Building Efficiency	39,497	39,979	49,664	40,253	40,936	41,560	40,949	49,213	41,094	40,467	40,154	40,405	504,171	504,171
6. Energy Select	552,937	626,103	641,642	604,373	624,409	570,226	569,015	704,108	574,342	583,125	631,430	574,006	3,627,858	3,627,858
<b>Subtotal</b>	<b>946,720</b>	<b>1,022,942</b>	<b>1,196,076</b>	<b>1,043,453</b>	<b>1,067,404</b>	<b>988,673</b>	<b>965,265</b>	<b>1,303,759</b>	<b>935,221</b>	<b>944,087</b>	<b>974,727</b>	<b>925,106</b>	<b>12,313,633</b>	<b>12,313,633</b>
<b>Commercial / Industrial Conservation Programs:</b>														
7. Commercial / Industrial Audit	44,998	45,703	66,750	46,365	47,786	47,531	46,648	65,710	46,704	46,517	46,547	47,703	598,962	598,962
8. HVAC Retrocommissioning	14,986	13,431	18,296	15,201	14,415	16,773	15,184	20,841	13,067	19,194	12,940	13,161	187,489	187,489
9. Commercial Building Efficiency	40,361	40,407	62,152	45,037	79,317	33,678	50,913	67,789	35,491	32,796	32,551	35,950	556,442	556,442
10. Commercial / Industrial Custom Incentive	8,934	9,966	12,267	10,554	12,565	10,583	12,049	12,224	6,589	12,561	5,555	6,084	119,931	119,931
<b>Subtotal</b>	<b>109,279</b>	<b>109,507</b>	<b>159,465</b>	<b>117,157</b>	<b>154,083</b>	<b>108,565</b>	<b>124,794</b>	<b>166,564</b>	<b>101,851</b>	<b>111,068</b>	<b>97,593</b>	<b>102,898</b>	<b>1,462,824</b>	<b>1,462,824</b>
<b>11. Residential Time of Use Rate Pilot</b>	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	50,000	50,000
<b>12. Conservation Demonstration and Development</b>	20,637	18,098	22,563	20,758	20,762	20,761	20,755	22,491	20,821	20,768	20,777	20,809	250,000	250,000
<b>13. Critical Peak Option</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>14. Curtailable Load</b>	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	58,563	702,758	702,758
<b>15. Total All Programs</b>	<b>1,139,366</b>	<b>1,213,277</b>	<b>1,440,834</b>	<b>1,244,098</b>	<b>1,304,979</b>	<b>1,180,929</b>	<b>1,173,544</b>	<b>1,555,544</b>	<b>1,120,623</b>	<b>1,138,653</b>	<b>1,155,827</b>	<b>1,111,543</b>	<b>14,779,215</b>	<b>14,779,215</b>
<b>16. Less: Base Rate Recovery</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>17. Net Program Costs</b>	<b>1,139,366</b>	<b>1,213,277</b>	<b>1,440,834</b>	<b>1,244,098</b>	<b>1,304,979</b>	<b>1,180,929</b>	<b>1,173,544</b>	<b>1,555,544</b>	<b>1,120,623</b>	<b>1,138,653</b>	<b>1,155,827</b>	<b>1,111,543</b>	<b>14,779,215</b>	<b>14,779,215</b>

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
Energy Select

For the Period: January, 2019 Through December, 2019

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected Sept	Projected Oct	Projected Nov	Projected Dec	Total
1.	Additions to Plant In Service (Net of Retirements)		122,457	122,652	122,846	123,041	123,235	141,337	159,439	159,634	159,828	160,023	142,309	124,596	
2.	Depreciation Base	17,612,245	17,734,702	17,857,354	17,980,201	18,103,241	18,226,476	18,367,814	18,527,253	18,686,887	18,846,715	19,006,738	19,149,047	19,273,643	
3.	Depreciation Expense (A)		116,241	117,049	117,859	118,669	119,481	120,295	121,228	122,280	123,333	124,388	125,444	126,384	1,452,651
4.	Cumulative Plant in Service Additions	17,612,245	17,734,702	17,857,354	17,980,201	18,103,241	18,226,476	18,367,814	18,527,253	18,686,887	18,846,715	19,006,738	19,149,047	19,273,643	
5.	Salvage, Cost of Removal and Retirement		0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Less: Accumulated Depreciation	(6,479,222)	(6,362,981)	(6,245,932)	(6,128,073)	(6,009,404)	(5,889,923)	(5,769,628)	(5,648,400)	(5,526,120)	(5,402,787)	(5,278,399)	(5,152,955)	(5,026,571)	
7.	Net Plant in Service (Line 4 - 6)	24,091,467	24,097,683	24,103,286	24,108,273	24,112,645	24,116,399	24,137,441	24,175,653	24,213,007	24,249,502	24,285,137	24,302,002	24,300,214	
8.	Net Additions/Reductions to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Inventory	921,690	872,532	1,026,082	976,924	927,765	878,607	817,532	744,539	947,967	874,975	801,982	740,907	967,387	
11.	Net Investment (Line 7 + 9 + 10)	25,013,157	24,970,215	25,129,368	25,085,197	25,040,410	24,995,006	24,954,973	24,920,192	25,160,974	25,124,477	25,087,119	25,042,909	25,267,601	
12.	Average Net Investment		24,991,686	25,049,791	25,107,282	25,062,804	25,017,708	24,974,990	24,937,583	25,040,583	25,142,725	25,105,798	25,065,014	25,155,255	
13.	Rate of Return / 12 (Including Income Taxes) (B)		0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763
14.	Return Requirement on Average Net Investment		144,027	144,362	144,693	144,437	144,177	143,931	143,715	144,309	144,898	144,685	144,450	144,970	1,732,654
15.	Property Taxes		13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,617	13,612	163,399
16.	Total Depreciation, Return and Property Taxes (Line 3+14+15)		273,885	275,028	276,169	276,723	277,275	277,843	278,560	280,206	281,848	282,690	283,511	284,966	3,348,704

Notes:  
(A) Energy Select Property Additions Depreciated at 7.9% per year.  
(B) Revenue Requirement Return (includes Income Taxes) is 6.9158%.

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM NET COST  
January, 2018 Through June, 2018, Actual  
July, 2018 Through December 2018, Estimated

Actual	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
<b>Residential Conservation Programs:</b>									
1.	Residential Energy Audit and Education								
a.	0.00	648,180.37	108,108.94	0.00	58,080.87	0.00	814,370.18	0.00	814,370.18
b.	0.00	648,180.00	175,000.00	0.00	180,000.00	0.00	1,003,180.00	0.00	1,003,180.00
c.	0.00	1,296,360.37	283,108.94	0.00	238,080.87	0.00	1,817,550.18	0.00	1,817,550.18
2.	Community Energy Saver								
a.	0.00	66,968.78	335,036.79	0.00	0.00	0.00	402,005.57	0.00	402,005.57
b.	0.00	66,969.00	362,347.00	0.00	0.00	0.00	429,316.00	0.00	429,316.00
c.	0.00	133,937.78	697,383.79	0.00	0.00	0.00	831,321.57	0.00	831,321.57
3.	Residential Custom Incentive								
a.	0.00	28,809.97	2,932.01	0.00	0.00	0.00	31,741.98	0.00	31,741.98
b.	0.00	28,810.00	28,431.00	0.00	0.00	10,000.00	67,241.00	0.00	67,241.00
c.	0.00	57,619.97	31,363.01	0.00	0.00	10,000.00	98,982.98	0.00	98,982.98
4.	HVAC Efficiency								
a.	0.00	133,473.63	254,224.00	0.00	0.00	57,511.00	445,208.63	0.00	445,208.63
b.	0.00	133,474.00	435,895.00	0.00	0.00	131,750.00	701,119.00	0.00	701,119.00
c.	0.00	266,947.63	690,119.00	0.00	0.00	189,261.00	1,146,327.63	0.00	1,146,327.63
5.	Residential Building Efficiency								
a.	0.00	130,338.44	21,747.52	0.00	0.00	48,516.50	200,602.46	0.00	200,602.46
b.	0.00	130,338.00	50,341.00	0.00	0.00	78,225.00	258,904.00	0.00	258,904.00
c.	0.00	260,676.44	72,088.52	0.00	0.00	126,741.50	459,506.46	0.00	459,506.46
6.	Energy Select								
a.	1,621,439.59	385,410.74	942,792.82	0.00	91,606.24	0.00	3,041,249.39	0.00	3,041,249.39
b.	1,619,717.85	385,411.00	840,793.00	0.00	208,393.76	0.00	3,054,315.61	0.00	3,054,315.61
c.	3,241,157.44	770,821.74	1,783,585.82	0.00	300,000.00	0.00	6,095,565.00	0.00	6,095,565.00
<b>Commercial / Industrial Conservation Programs:</b>									
7.	Commercial / Industrial Energy Audit								
a.	0.00	318,494.44	31,011.51	0.00	0.00	0.00	349,505.95	0.00	349,505.95
b.	0.00	318,494.00	62,116.00	0.00	0.00	0.00	380,610.00	0.00	380,610.00
c.	0.00	636,988.44	93,127.51	0.00	0.00	0.00	730,115.95	0.00	730,115.95
8.	HVAC Retrocommissioning								
a.	0.00	49,564.35	13,727.65	0.00	0.00	3,970.00	67,262.00	0.00	67,262.00
b.	0.00	49,564.00	13,728.00	0.00	0.00	17,900.00	81,192.00	0.00	81,192.00
c.	0.00	99,128.35	27,455.65	0.00	0.00	21,870.00	148,454.00	0.00	148,454.00

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM NET COST  
January, 2018 Through June, 2018, Actual  
July, 2018 Through December 2018, Estimated

	Capital Return, Property Taxes & Depreciation	Payroll & Benefits	Materials & Supplies	Other	Advertising	Incentives	Total Costs	Program Fees	Net Costs
<b>Commercial / Industrial Conservation Programs Continued:</b>									
9. Commercial Building Efficiency									
a. Actual	0.00	195,773.43	39,328.65	0.00	0.00	6,097.55	241,199.63	0.00	241,199.63
b. Estimated July through December	0.00	195,773.00	40,000.00	0.00	0.00	56,523.00	292,296.00	0.00	292,296.00
c. Total	0.00	391,546.43	79,328.65	0.00	0.00	62,620.55	533,495.63	0.00	533,495.63
10. Commercial / Industrial Custom Incentive									
a. Actual	0.00	25,374.04	2,501.23	0.00	0.00	0.00	27,875.27	0.00	27,875.27
b. Estimated July through December	0.00	25,374.00	34,074.00	0.00	0.00	20,000.00	79,448.00	0.00	79,448.00
c. Total	0.00	50,748.04	36,575.23	0.00	0.00	20,000.00	107,323.27	0.00	107,323.27
11. Residential Time of Use Rate Pilot									
a. Actual	0.00	21,722.74	4,339.57	0.00	0.00	2,153.45	28,215.76	0.00	28,215.76
b. Estimated July through December	0.00	20,223.00	3,001.00	0.00	0.00	1,124.19	24,348.19	0.00	24,348.19
c. Total	0.00	41,945.74	7,340.57	0.00	0.00	3,277.64	52,563.95	0.00	52,563.95
12. Conservation Demonstration and Development:									
a. Tesla Powerwall Demand Response	0.00	5,924.39	9,597.84	0.00	0.00	0.00	15,522.23	0.00	15,522.23
b. Tesla Powerwall Demand Photovoltaic	0.00	5,924.38	14,769.22	0.00	0.00	0.00	20,693.60	0.00	20,693.60
c. Domestic Hot Water Analysis	0.00	5,924.38	252.32	0.00	0.00	0.00	6,176.70	0.00	6,176.70
d.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
f. Total Actual	0.00	17,773.15	24,619.38	0.00	0.00	0.00	42,392.53	0.00	42,392.53
h. Estimated July through December	0.00	17,773.00	6,000.00	0.00	0.00	0.00	23,773.00	0.00	23,773.00
i. Total	0.00	35,546.15	30,619.38	0.00	0.00	0.00	66,165.53	0.00	66,165.53
13. Critical Peak Option									
a. Actual	0.00	0.00	0.00	0.00	0.00	(69,397.47)	(69,397.47)	0.00	(69,397.47)
b. Estimated July through December	0.00	0.00	0.00	0.00	0.00	129,266.70	129,266.70	0.00	129,266.70
c. Total	0.00	0.00	0.00	0.00	0.00	59,869.23	59,869.23	0.00	59,869.23
14. a. Actual	1,621,439.59	2,021,884.08	1,780,370.07	0.00	149,687.11	48,851.03	5,622,231.88	0.00	5,622,231.88
b. Estimated	1,619,717.85	2,020,383.00	2,051,726.00	0.00	388,393.76	444,788.89	6,525,009.50	0.00	6,525,009.50
15. Total All Programs	3,241,157.44	4,042,267.08	3,832,096.07	0.00	538,080.87	493,639.92	12,147,241.38	0.00	12,147,241.38

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
CONSERVATION PROGRAM COSTS (Exclusive of Program Fees)  
January, 2018 Through June, 2018, Actual  
July, 2018 Through December 2018, Estimated

	ACTUAL												ESTIMATED												TOTAL ACTUAL & ESTIMATED COSTS
	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL ACT	ADJ	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL EST										
<b>Residential Conservation Programs:</b>																									
1. Residential Energy Audit and Education	170,280.33	119,567.71	126,718.36	95,416.56	137,545.49	164,841.73	814,370.18	0.00	167,197.00	167,197.00	167,197.00	167,197.00	167,197.00	167,195.00	1,003,180.00	1,817,550.18									
2. Community Energy Saver	38,449.65	78,623.49	72,573.60	67,093.69	58,646.33	86,618.81	402,005.57	0.00	71,553.00	71,553.00	71,553.00	71,553.00	71,553.00	71,551.00	429,316.00	831,321.57									
3. Residential Custom Incentive	5,793.31	2,380.68	3,579.92	8,238.66	6,190.56	5,568.85	31,741.98	0.00	11,209.00	11,207.00	11,207.00	11,207.00	11,207.00	11,204.00	67,241.00	98,982.98									
4. HVAC Efficiency	35,382.77	62,392.27	62,549.37	108,419.61	96,503.96	79,980.65	445,208.63	0.00	116,853.00	116,853.00	116,853.00	116,853.00	116,853.00	116,854.00	701,119.00	1,146,327.63									
5. Residential Building Efficiency	29,714.55	38,285.43	27,509.73	33,384.27	26,831.98	44,876.50	200,602.46	0.00	43,151.00	43,151.00	43,151.00	43,151.00	43,151.00	43,149.00	258,904.00	459,506.46									
6. Energy Select	497,964.85	504,638.06	606,905.56	419,279.58	475,745.69	538,715.65	3,041,249.39	0.00	509,053.00	509,053.00	509,053.00	509,053.00	509,053.00	509,050.61	3,064,315.61	6,095,565.00									
<b>Commercial / Industrial Conservation Programs:</b>																									
7. Commercial / Industrial Energy Audit	69,550.99	53,371.96	66,482.59	42,064.72	62,325.67	55,710.02	349,505.95	0.00	63,435.00	63,435.00	63,435.00	63,435.00	63,435.00	63,435.00	380,610.00	730,115.95									
8. HVAC Retrocommissioning	5,544.46	6,384.85	19,387.74	13,066.85	14,208.90	8,669.20	67,262.00	0.00	13,532.00	13,532.00	13,532.00	13,532.00	13,532.00	13,532.00	81,192.00	148,454.00									
9. Commercial Building Efficiency	27,499.99	48,053.52	34,679.10	45,437.75	36,951.34	48,577.93	241,199.63	0.00	48,716.00	48,716.00	48,716.00	48,716.00	48,716.00	48,716.00	292,296.00	533,495.63									
10. Commercial / Industrial Custom Incentive	5,230.60	5,487.18	5,026.37	1,104.68	6,481.07	4,545.37	27,875.27	0.00	13,241.00	13,241.00	13,241.00	13,241.00	13,241.00	13,243.00	79,448.00	107,323.27									
11. Residential Time of Use Rate Pilot	3,118.92	10,868.74	4,374.10	3,495.26	3,131.91	3,226.83	28,215.76	0.00	4,057.99	4,060.20	4,058.00	4,058.00	4,058.00	4,056.01	24,348.20	52,563.95									
12. Conservation Demonstration and Development:																									
a. Tesla Powerwall Demand Response	563.17	1,700.18	10,520.34	982.69	852.82	893.04	15,522.23	0.00	3,963.00	3,962.00	3,962.00	3,962.00	3,962.00	3,962.00	23,773.00	66,165.53									
b. Tesla Powerwall Demand Photovoltaic	563.17	1,700.17	15,750.33	992.66	794.24	893.04	20,693.60	0.00	893.04	893.04	893.04	893.04	893.04	893.04	5,378.24	10,520.34									
c. Domestic Hot Water Analysis	0.00	0.00	0.00	0.00	0.00	0.00	6,176.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,176.70	6,176.70									
d.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
e.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
13. Critical Peak Option	(127,452.17)	(22,924.48)	19,637.47	19,919.75	20,710.98	20,710.98	(69,397.47)	0.00	23,005.00	23,032.82	22,487.12	21,596.88	20,248.68	18,896.20	129,266.70	59,869.23									
14. Total All Programs	762,737.76	912,217.53	1,076,887.51	859,899.39	947,783.08	1,062,706.60	5,622,231.87	0.00	1,088,965.99	1,088,993.02	1,088,445.12	1,087,554.88	1,086,206.68	1,084,843.82	6,525,009.51	12,147,241.38									
15. Less: Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
16. Net Recoverable Expenses	762,737.76	912,217.53	1,076,887.51	859,899.39	947,783.08	1,062,706.60	5,622,231.87	0.00	1,088,965.99	1,088,993.02	1,088,445.12	1,087,554.88	1,086,206.68	1,084,843.82	6,525,009.51	12,147,241.38									



GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
ESTIMATED TRUE-UP

For the Period: January, 2018 through December, 2018

Conservation Revenues	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Energy Select Program Revenues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Revenues	<u>1,584,300.49</u>	<u>780,843.24</u>	<u>781,178.76</u>	<u>825,137.23</u>	<u>1,219,409.25</u>	<u>1,445,537.85</u>	<u>1,568,282.92</u>	<u>1,551,982.77</u>	<u>1,325,423.62</u>	<u>1,098,960.36</u>	<u>965,708.86</u>	<u>1,090,608.34</u>	<u>14,237,923.69</u>
3. Total Revenues	1,584,300.49	780,843.24	781,178.76	825,137.23	1,219,409.25	1,445,537.85	1,568,282.92	1,551,932.77	1,325,423.62	1,098,960.36	965,708.86	1,090,608.34	14,237,323.69
4. Adjustment not Applicable to Period - Prior True Up	<u>(11,952.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(11,950.00)</u>	<u>(143,402.00)</u>
5. Conservation Revenues Applicable to Period	1,572,348.49	768,893.24	769,228.76	813,187.23	1,207,459.25	1,433,587.85	1,556,332.92	1,539,982.77	1,313,473.62	1,087,010.36	953,758.86	1,078,658.34	14,093,921.69
6. Conservation Expenses (Form C-3 Page 2 of 5)	<u>762,737.76</u>	<u>912,217.53</u>	<u>1,076,887.51</u>	<u>859,899.39</u>	<u>947,783.08</u>	<u>1,062,706.60</u>	<u>1,088,965.99</u>	<u>1,088,993.02</u>	<u>1,088,445.12</u>	<u>1,087,554.88</u>	<u>1,086,206.68</u>	<u>1,084,843.82</u>	<u>12,147,241.38</u>
7. True Up this Period (Line 5 minus Line 6)	809,610.73	(143,324.29)	(307,658.75)	(46,712.16)	259,676.17	370,881.25	467,366.93	450,989.75	225,028.50	(544.52)	(132,447.82)	(6,185.48)	1,946,680.31
8. Interest Provision this Period (C-3 Page 4 of 7, Line 10)	393.28	841.83	642.75	430.79	614.54	1,160.62	1,910.08	2,690.59	3,272.46	3,482.78	3,398.52	3,309.48	22,147.72
9. True Up & Interest Provision Beginning of Month	(100,295.78)	721,660.23	591,127.77	296,061.77	281,730.40	533,971.11	917,962.98	1,399,189.99	1,864,820.34	2,105,071.29	2,119,959.55	2,002,860.25	(100,295.78)
10. Prior True Up Collected or Refunded	<u>11,952.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>11,950.00</u>	<u>143,402.00</u>
11. End of Period- Net True Up	<u>721,660.23</u>	<u>591,127.77</u>	<u>296,061.77</u>	<u>261,730.40</u>	<u>533,971.11</u>	<u>917,962.98</u>	<u>1,399,189.99</u>	<u>1,864,820.34</u>	<u>2,105,071.29</u>	<u>2,119,959.55</u>	<u>2,002,860.25</u>	<u>2,011,934.25</u>	<u>2,011,934.25</u>

GULF POWER COMPANY  
ENERGY CONSERVATION CLAUSE  
INTEREST CALCULATION

For the Period: January, 2018 through December, 2018

Interest Provision	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ESTIMATED JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Beginning True up Amount	(100,295.78)	721,660.23	591,127.77	296,061.77	261,730.40	533,971.11	917,962.98	1,399,189.99	1,864,820.34	2,105,071.29	2,119,999.55	2,002,860.25	
2. Ending True up before Interest	721,266.95	590,285.94	295,419.02	261,299.61	533,356.57	916,802.36	1,397,279.91	1,862,129.75	2,101,798.83	2,116,476.77	1,999,461.73	2,008,624.77	
3. Total Beginning & Ending Balances	620,971.17	1,311,946.17	886,546.79	557,361.38	795,086.97	1,450,773.47	2,315,242.89	3,261,319.74	3,966,619.17	4,221,548.07	4,119,421.28	4,011,485.02	
4. Average True up Amount	310,485.59	655,973.09	443,273.40	278,680.69	397,543.49	725,386.74	1,157,621.45	1,630,659.87	1,983,309.58	2,110,774.03	2,059,710.64	2,005,742.51	
5. Interest Rate First Day Reporting Business Month	1.58	1.46	1.62	1.86	1.85	1.86	1.98	1.98	1.98	1.98	1.98	1.98	1.98
6. Interest Rate First Day Subsequent Business Month	1.46	1.62	1.86	1.85	1.86	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98
7. Total of Lines 5 and 6	3.04	3.08	3.48	3.71	3.71	3.84	3.96	3.96	3.96	3.96	3.96	3.96	3.96
8. Average Interest rate (50% of Line 7)	1.520	1.540	1.740	1.855	1.855	1.920	1.980	1.980	1.980	1.980	1.980	1.980	1.980
9. Monthly Average Interest Rate Line 8 / 12 months	0.001267	0.001283	0.001450	0.001546	0.001546	0.001600	0.001650	0.001650	0.001650	0.001650	0.001650	0.001650	0.001650
10. Interest Provision (line 4 X 9)	393.28	841.83	642.75	430.79	614.54	1,160.62	1,910.08	2,690.59	3,272.46	3,482.78	3,398.52	3,309.48	22,147.72

GULF POWER COMPANY  
 ENERGY CONSERVATION CLAUSE  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION, RETURN AND PROPERTY TAXES  
 ENERGY SELECT  
 For the Period January, 2018 Through December, 2018

Line No.	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1		75,729.91	127,609.98	119,101.95	56,912.69	58,441.98	81,791.00	154,868	155,062	155,257	155,451	137,738	120,025	
2	16,214,255.60	16,289,985.51	16,417,595.49	16,536,697.44	16,593,610.13	16,652,052.11	16,733,843.11	16,888,711.20	17,043,773.70	17,199,030.60	17,354,481.92	17,492,219.89	17,612,244.89	
3		107,014.09	107,513.90	108,356.13	109,142.20	109,517.83	109,903.54	110,443.36	111,465.49	112,488.91	113,513.60	114,539.58	115,448.65	1,329,347.28
4	16,214,255.60	16,289,985.51	16,417,595.49	16,536,697.44	16,593,610.13	16,652,052.11	16,733,843.11	16,888,711.20	17,043,773.70	17,199,030.60	17,354,481.92	17,492,219.89	17,612,244.89	
5		(16,694.75)	(143.22)	(11,592.97)	5,087.98	(19,787.13)	(22,163.27)	-	-	-	-	-	-	
6	(7,743,275.56)	(7,652,956.22)	(7,545,585.54)	(7,448,822.36)	(7,334,592.20)	(7,244,861.50)	(7,157,121.23)	(7,046,677.87)	(6,935,212.38)	(6,822,723.47)	(6,709,209.87)	(6,594,670.29)	(6,479,221.64)	
7	23,957,531.16	23,942,941.73	23,963,181.03	23,985,519.82	23,928,202.33	23,895,913.61	23,890,964.34	23,935,389.07	23,978,986.08	24,021,754.07	24,063,691.79	24,086,890.18	24,091,466.53	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	790,297.91	794,002.50	739,559.87	757,308.88	764,639.90	736,878.66	919,771.47	765,107	896,312	824,809	753,306	693,721	921,690	
11	24,747,829.07	24,736,944.23	24,702,740.90	24,742,828.70	24,692,842.23	24,633,792.27	24,810,735.81	24,700,495.89	24,875,298.09	24,846,563.27	24,816,998.17	24,780,610.87	25,013,156.68	
12		24,742,386.65	24,719,842.57	24,722,784.80	24,717,835.47	24,663,317.25	24,722,264.04	24,755,615.85	24,787,896.99	24,860,930.68	24,831,780.72	24,798,804.52	24,896,883.77	
13		0.005978	0.005978	0.005978	0.005978	0.005978	0.005978	0.005763	0.005763	0.005763	0.005763	0.005763	0.005763	
14		147,909.99	147,775.22	147,792.81	147,763.22	147,437.31	147,789.69	142,666.61	142,852.65	143,273.54	143,105.55	142,915.51	143,480.74	1,744,762.84
15		13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	13,920.61	167,047.32
16		268,844.69	269,209.73	270,069.55	270,826.03	270,875.75	271,613.84	267,030.58	268,238.75	269,683.06	270,539.76	271,375.70	272,850.00	3,241,157.44

Notes:  
 (A) Energy Select Property Additions Depreciated at 7.9% per year.  
 (B) Revenue Requirement Return (includes Income Taxes) Is: Jan - June .5978%; Jul - Dec .5763%.

Schedule C-4  
Page 1 of 1

GULF POWER COMPANY  
CALCULATION OF CONSERVATION REVENUES  
For the Period: July, 2018 Through December, 2018

	<u>Month</u>	<u>Projected MWH Sales</u>	<u>Rate (Avg Cents/KWH)</u>	<u>Clause Revenue Net of Revenue Taxes ( \$ )</u>
1.	07/2018	1,164,712	0.13464985	1,568,282.92
2.	08/2018	1,153,109	0.13458682	1,551,932.77
3.	09/2018	987,538	0.13421495	1,325,423.62
4.	10/2018	822,469	0.13361724	1,098,960.36
5.	11/2018	723,913	0.13340123	965,708.86
6.	12/2018	812,243	0.13427119	1,090,608.34

## Program Description and Progress

Program Title: Residential Energy Audit and Education

Program Description: This program is the primary educational program to help customers improve the energy efficiency of their new or existing home by providing energy conservation advice and information that encourages the implementation of efficiency measures and behaviors resulting in energy and utility bill savings.

Program Projections: Expenses of \$1,650,084 are projected for this program in 2019 as detailed in Schedule C-2. In 2019 this program includes two measurable areas of focus:

- Energy Audit – During the recovery period, 8,400 participants are projected as reflected in the 2015 DSM Plan. A Gulf Power representative will conduct an on-site audit of a customer's home, or a customer may choose to participate in either a mail-in or on-line, interactive version of the audit. Regardless of the method, the customer is provided with specific recommendations including available incentives and other alternatives to facilitate implementation.
- School-based Awareness and Education – This program provides science-based energy-related curricula and training to science teachers in Gulf's service area. As a result of these efforts, during the recovery period, approximately 5,000 students will be reached.

Program Accomplishments:

- Energy Audit – Year-to-date 2018, Gulf performed 8,716 energy audits compared to a year-to-date projection of 4,200 or 4,516 over the projection. Of these, 6,024 were online, 499 were on-site and 2,193 were new construction audits. The total projection for 2018 is 16,597 energy audits.
- School-based Awareness and Education
  - Gulf provided professional development in energy-related science and math for 76 elementary, middle and high school teachers who reach an estimated 2,645 students daily. These teachers received continuing education credits, as well as hands-on energy, efficiency and renewable energy classroom materials and curriculum.
  - Gulf coordinated monthly activities with student energy teams at three schools, measuring energy use at the school and creating a plan to use energy wisely at school and home. Total student reach was 60 students directly.

- Gulf continued to provide classroom demonstrations and hands-on energy-related activities in schools on a regular basis reaching nearly 100 students.
- Gulf demonstrated energy efficiency and solar energy in “World of Energy” to approximately 2,500 eighth-grade students and their teachers from 20 schools during two-day state Skills USA competition.

Total direct reach was 5,345 students and 101 teachers.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$1,089,486 compared to actual expenses of \$814,370, resulting in a difference of \$275,116 or 25% under budget.

Program Progress Summary: Since the approval of this program, Gulf Power has performed a total of 250,521 energy audits.

## Program Description and Progress

Program Title: Community Energy Saver Program

Program Description: This program assists low-income families with managing their energy costs. Through this program, qualifying customers receive the direct installation of conservation measures at no cost to them. The program also educates families on energy efficiency techniques and behavioral changes to help control their energy use and reduce their electricity expenses.

Program Projections: For the period January 2019 through December 2019, the Company expects to implement the efficiency measures included in this program for 2,500 eligible residential customers as reflected in the 2015 DSM Plan. Expenses of \$859,965 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: Through June 2018, 1,343 of Gulf's customers received the measures included in this program, compared to a year-to-date projection of 1,500. The total projection for 2018 is 3,000 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$420,820 compared to actual expenses of \$402,006 resulting in a difference of \$18,814 or 4.5% under budget.

Program Progress Summary: A total of 18,848 customers have received the efficiency measures included in the Community Energy Saver Program since the program's launch in 2011.

## Program Description and Progress

Program Title: Residential Custom Incentive Program

Program Description: This program is designed to increase energy efficiency in the residential rental property sector. This program promotes the installation of various energy efficiency measures available through other programs, such as HVAC maintenance and quality installation, high performance windows, reflective roofing and Energy Star window A/Cs. Additional incentives will be included, as appropriate, to overcome the split-incentive barrier which exists in a landlord/renter situation. Moreover, this program promotes the installation of measures included in the Community Energy Saver Program by the landlord of multi-family properties.

Program Projections: Due to the custom nature of this program, specific participant projections are not made for the period January 2019 through December 2019. Expenses of \$129,524 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: As of June, no participants have enrolled during 2018 in this program. While there are no participants recorded this year, Gulf continues to promote the availability of this program to landlords and property managers in the rental property sector. Although participation in this program to date has been low, discussions with landlords and property managers have often resulted in these customers taking advantage of other DSM program offerings such as Gulf's HVAC Efficiency Program.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$78,013 compared to actual expenses of \$31,742 resulting in a difference of \$46,271 or 59% under budget.

Program Progress Summary: Since its launch in 2011, one customer enrollment has been recorded in the Residential Custom Incentive Program.



Program Description and Progress

Program Title: HVAC Efficiency Improvement Program

Program Description: This program is designed to increase energy efficiency and improve HVAC cooling system performance for new and existing homes. These efficiencies are realized through:

- HVAC maintenance
- Duct repair
- HVAC Quality Installation

Program Projections: Expenses of \$1,914,173 are projected for this program in 2019 as detailed in Schedule C-2. For the period January 2019 through December 2019, the Company projects the following participation in this program as reflected in the 2015 DSM Plan:

<b>Measure</b>	<b>Projected Participation</b>
HVAC maintenance	3,400
Duct repair	1,500
HVAC Quality Installation	3,500

Program Accomplishments: Actual participation (through June 2018) and the 2018 year-end projected participation are shown in the following table:

<b>Measure</b>	<b>2018 YTD Actual Participation</b>	<b>2018 Year-End Projection</b>
HVAC maintenance	561	2,300
Duct repair	135	500
HVAC Quality Installation	296	900

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$859,339 compared to actual expenses of \$445,209 resulting in a difference of \$414,130 or 48% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

<b>Measure</b>	<b>Program to Date Actual Participation</b>
HVAC maintenance	38,354
Duct repair	21,976
HVAC Quality Installation	1,571

Program Description and Progress

Program Title: Residential Building Efficiency Program

Program Description: The Residential Building Efficiency Program is designed as an umbrella efficiency program for existing and new residential customers to encourage the installation of eligible equipment and materials as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for energy saving measures; to increase availability and market penetration; and to contribute toward long-term energy savings and peak demand reductions.

- High Performance Windows
- Reflective Roof
- ENERGY STAR Window A/C

Program Projections: Expenses of \$504,171 are projected for this program in 2019 as detailed in Schedule C-2. For the period January 2019 through December 2019, the Company projects the following participation in this program as reflected in the 2015 DSM Plan:

<b>Measure</b>	<b>Projected Participation</b>
High Performance Windows	600
Reflective Roof	300
ENERGY STAR Window A/C	200

Program Accomplishments: Actual participation (through June 2018) and the 2018 year-end projected participation are shown in the following table:

<b>Measure</b>	<b>2018 YTD Actual Participation</b>	<b>2018 Year-End Projection</b>
High Performance Windows	120	300
Reflective Roof	107	210
ENERGY STAR Window A/C	12	20

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$327,276 compared to actual expenses of \$200,602, resulting in a difference of \$126,674 or 39% under budget.

Program Progress Summary: Since its launch in 2011, the following participation has been achieved:

<b>Measure</b>	<b>Program to Date Actual Participation</b>
High Performance Windows	5,129
Reflective Roof	1,711
ENERGY STAR Window A/C	835

## Program Description and Progress

Program Title: Energy *Select*

Program Description: The overall program is designed to provide customers with a means of controlling their energy purchases by conveniently programming their heating and cooling systems and major appliances, such as electric water heaters and pool pumps, to respond automatically to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During the 2019 projection period, Gulf Power projects to have 1,600 net additions, as reflected in the 2015 DSM Plan. The program expenses are expected to be \$7,255,716, as detailed in Schedule C-2.

Program Accomplishments: For the period January through June 2018, 413 net new participants were added to the Energy *Select* program compared to a year-to-date projection of 800. The total projection for 2018 is 1,600 net new participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$3,501,374 compared to actual expenses of \$3,041,249 resulting in a difference of \$460,125 or 13% under budget.

Program Progress Summary: As of June 2018, there are 19,572 participating customers.

## Program Description and Progress

Program Title: Commercial/Industrial Audit

Program Description: This program is designed to provide professional advice to Gulf's existing commercial and industrial customers on how to reduce and make the most efficient use of energy. This program offers a variety of services ranging from a walk-through survey to the use of computer programs which simulate several design options for very large, energy-intensive customers. Customers may participate by requesting a basic Energy Analysis Audit (EAA) provided through either an on-site survey or an on-line survey. A more comprehensive analysis can be provided by conducting a Technical Assistance Audit (TAA).

Program Projections: For the period January 2019 through December 2019, the Company expects to conduct 500 audits as reflected in the 2015 DSM Plan and incur expenses totaling \$598,962.

Program Accomplishments: During the January 2018 through June 2018 period, actual results were 223 audits compared to a year-to-date projection of 250. The total projection for 2018 is 320 audits.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$394,173 compared to actual expenses of \$349,506, resulting in a difference of \$44,667 or 11% under budget.

Program Progress Summary: A total of 23,160 audits have been completed since the program's inception.

## Program Description and Progress

Program Title: Commercial HVAC Retrocommissioning Program

Program Description: This program offers basic retrocommissioning at a reduced cost for qualifying installations of existing commercial and industrial customers. It is designed to diagnose the performance of the HVAC cooling unit(s) operating in commercial buildings with the support of an independent computerized quality control process and to make improvements to the system to bring it to full efficiency. This program includes air cooled and water-cooled equipment – identified as A/C, heat pump, direct expansion (DX) or geothermal cooling and heating.

Program Projections: For the period January 2019 through December 2019, the Company expects 250 program participants as reflected in the 2015 DSM Plan. Expenses of \$187,489 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: During the period January 2018 through June 2018, 72 customers have participated in this program. The total projection for 2018 is 250 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$57,555, compared to actual expenses of \$67,262, resulting in a difference of \$9,707 or 17% over budget.

Program Progress Summary: Since its launch in 2011, 1,298 customers have participated in this program.

Program Description and Progress

Program Title: Commercial Building Efficiency Program

Program Description: This program is designed as an umbrella efficiency program for existing commercial and industrial customers to encourage the installation of eligible high-efficiency equipment as a means of reducing energy and demand. The goals of the program are to increase awareness and customer demand for high-efficiency, energy-saving equipment; increase availability and market penetration of energy efficient equipment; and contribute toward long-term energy savings and peak demand reductions. These goals will be accomplished through commercial geothermal heat pumps, ceiling/roof insulation, and reflective roofs.

Program Projections: Expenses of \$556,442 are projected for this program in 2019 as detailed in Schedule C-2.

For the period January 2019 through December 2019, the Company expects to implement the efficiency measures included in this program as reflected in the 2015 DSM Plan:

<b>Program</b>	<b>Annual Projections (2019)</b>
Commercial Geothermal Heat Pump	150 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	400,000 square feet of installed insulation
Commercial Reflective Roof	800,000 square feet of installed reflective roof

Program Accomplishments: Actual participation (through June 2018) and the 2018 year-end projected participation are shown in the following table:

<b>Measure</b>	<b>2018 YTD Actual Participation</b>	<b>2018 Year-End Projection</b>
Commercial Geothermal Heat Pump	0 tons of installed Geothermal HVAC	71 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	76,533 square feet of installed insulation	184,533 square feet of installed insulation
Commercial Reflective Roof	230,300 square feet of installed reflective roof	650,300 square feet of installed reflective roof

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$304,523, compared to actual expenses of \$241,200, resulting in a difference of \$63,323 or 21% under budget.

Program Progress Summary: Since its launch in 2011, customer participation is shown in the table below.

<b>Program</b>	<b>Actual Participation (Program to Date)</b>
Commercial Geothermal Heat Pump	578 tons of installed Geothermal HVAC
Ceiling/Roof Insulation	444,535 square feet of installed insulation
Commercial Reflective Roof	3,537,856 square feet of installed reflective roof



## Program Description and Progress

Program Title: Commercial/Industrial Custom Incentive

Program Description: This program is designed to establish the capability and process to offer advanced energy services and energy efficient end-user equipment to Commercial/Industrial customers. These energy services include comprehensive audits, design, and construction of energy conservation projects. Specifically, projects covered under this program would be demand reduction or efficiency improvement retrofits that are beyond the scope of other programs.

Program Projections: For the period January 2019 through December 2019, the Company expects at the meter reductions of 200,000 kWh, 65 winter kW and 65 summer kW resulting from this program as reflected in the 2015 DSM Plan. Expenses of \$119,931 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: From January 2018 through June 2018, Gulf has evaluated several projects for potential inclusion in this program. Through June, no savings have been reported in the program.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$89,417, compared to actual expenses of \$27,875, resulting in a difference of \$61,542 or 69% under budget.

Program Progress Summary: Since its launch in 2011, 15 customers have participated in the Commercial/Industrial Custom Incentive program resulting in at the meter reductions of 8,770,333 kWh (energy), 1,341 winter kW (demand) and 1,751 summer kW (demand).

### Program Description and Progress

Program Title: Critical Peak Option (CPO)

Program Description: This program offers customers on Gulf Power's Large Power Time of Use (LPT) rate schedule an option to receive credits for capacity that can be reduced during peak load conditions (critical peak events). The program provides a fixed, per kW credit for measured On-Peak Demand and a Critical Peak Demand Charge for any measured demand recorded during a called critical peak event.

Program Projections: For the period January 2019 through December 2019, the Company expects one customer having 24 different locations to switch from the CPO Program to the Company's Curtailable Load (CL) Program. As a consequence, the Company projects that there will be no expenses in this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: During the period January 2018 through June 2018, 24 accounts have participated in this program. The total projection for 2018 is 24 participants.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$137,616 compared to actual expenses of (\$69,397).

Program Progress Summary: This program became a part of Gulf's DSM Plan effective July 1, 2017, pursuant to Gulf's Stipulation and Settlement Agreement, approved by the Commission in Order No. PSC-2017-0178-S-EI dated May 16, 2017.

### Program Description and Progress

Program Title: Curtailable Load (CL)

Program Description: The Curtailable Load (CL) program provides qualifying customers capacity payments for electric load which can be curtailed during certain conditions as described in Rate Rider CL. The CL rider is available to customers taking service under rate schedules LP, LPT, PX, or PXT and who also execute a Curtailable Load Service Agreement (CL Service Agreement). Qualifying customers must commit a minimum of 4,000 kW of non-firm load.

Program Projections: For the period January 2019 through December 2019, the Company expects participation by one customer with 24 locations. Expenses of \$702,758 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: This program began March 2018; thus, no participants are recorded for the period January through June 2018. The total projection for 2018 is one participant with multiple locations.

Program Fiscal Expenditures: There were no program expenditures January through June 2018.

Program Progress Summary: This program was approved for inclusion in Gulf's DSM Plan by Commission Order No. PSC-2018-0159-PAA-EI dated March 21, 2018.

## Program Description and Progress

Program Title: Residential Service Time of Use Pilot Program

Program Description: The Residential Service Time of Use (RSTOU) rate pilot provides residential customers the opportunity to use customer-owned equipment to respond automatically to, and take advantage of, a variable pricing structure with a critical peak credit component. In order to control program expenses and facilitate monitoring and evaluation, participation in the pilot is limited to 400 residential customers who meet the program standards. To further encourage customers to utilize a qualifying Wi-Fi enabled thermostat, the RSTOU pilot offers customers a per event credit for allowing their thermostat to automatically adjust their HVAC equipment settings during a critical event period. This option puts the customer in complete control of their energy purchase without utility-owned equipment. The objective of this pilot is to measure customers' response to a variable price rate with customer-owned equipment. Customers have an opportunity for additional savings by shifting energy purchases to the lower-priced periods, while providing peak demand reduction during the high and critical periods.

Program Projections: Expenses of \$50,000 are projected for this program in 2019 as detailed in Schedule C-2.

Program Accomplishments: As of June 2018, there are 330 customers participating in this program.

Program Fiscal Expenditures: Projected expenses for January through June 2018 were \$33,599 compared to actual expenses of \$28,216 resulting in a difference of \$5,383 or 16% under budget.

Program Progress Summary: Since its launch in February 2016, 330 customers have participated in this program.

## Program Description and Progress

Program Title: Conservation Demonstration and Development (CDD)

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore and to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

### **Tesla Powerwall Demand Response (DR)**

Modern-day battery storage provided by Tesla may be able to improve the effectiveness of current “Demand Response” programs. Demand response not only refers to *load shedding* but now also includes *load shifting*.

The Powerwall DR CDD Project evaluates the impact of:

1. *Load Shifting:* Battery storage’s ability to maximize the impact of TOU rates by charging during off-peak/low periods and discharging during on-peak/medium-high periods.
2. *Peak Reduction:* Battery storage’s ability to be dispatched at specific times (critical peak events) to supplement the demand response capability of *Energy Select*.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspectives of both the customer and the utility.

Tesla’s daily cycle 6.4kWh Powerwall is interconnected to a SolarEdge StorEdge inverter and existing *Energy Select* equipment. TOU times and critical peak dispatches are accessed through the inverter’s internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project.

### **Tesla Powerwall Demand Photovoltaic (PV)**

Modern-day battery storage provided by Tesla may be able to overcome two of the typical shortcomings of grid-tied solar photovoltaics: the limited “daytime” periods of generation and the intermittency of output (due to shade or cloud cover).

The Powerwall PV CDD Project evaluates the impact of:

1. *Solar Shifting*: Battery storage's impact on peak demand by charging during the normal PV generation period and discharging during on-peak/medium-high periods.
2. *Solar Smoothing*: Battery storage's ability to stabilize the PV output during adverse weather conditions / cloud cover or shading caused by obstructions.

Data monitoring will be used to assess the impact of battery storage in terms of performance, reliability, economic return on investment, from the perspectives of both the customer and the utility.

Tesla's daily cycle 6.4 kWh Powerwall is interconnected to a SolarEdge StorEdge inverter and a retrofitted/existing 5 kW photovoltaic installation. Charge and discharge time periods are programmed within the inverter's internal controls. Third parties have been contracted to install the equipment, monitor the various outputs of the system, compile the data for further analysis and provide a final report on the project.

### **Domestic Hot Water Analysis**

This project aims to address an underserved area of the heat pump water heating market: small commercial buildings. Specific focus was paid to the food service industry due to their potential for large domestic hot water usage. These building types are too small and cannot handle the capital intensity of large, engineered heat pump water heating systems; and it is unknown whether their usage patterns could be supported by an integrated, residential-sized heat pump water heater. Thus, this project's objectives were as follows:

- Identified customers for participation in this study: Fast food, sandwich shops, cafeteria-style eateries, convenience stores, small laundries, and salons
- Collected number of and type of hot water end uses at each site.
- Installed field monitoring on 10 small commercial building types.
- Collected up to six months of hot water usage data at each site.
- Analyzed the collected data to develop usage patterns for each site.
- Produced a final report including recommendations to manufacturers on optimal approaches to the small commercial heat pump water heater market.

Collected data was used to produce daily water consumption load shapes for each site type. The data was analyzed and reviewed to determine the proper

sizing of heat pump water heaters that will support the average recognized usage patterns. Based on the data, a residential-sized heat pump water heater will handle the hot water needs in the small commercial food service industry. The data was shared with manufacturers to show their product development organization the need for a commercial grade heat pump water heater that fits in a residential-sized water heater footprint.

### **Eaton Smart Breaker Test**

This test will evaluate the potential demand limiting or reduction capabilities and techniques of Eaton's "smart circuit breaker," which has remote control and advanced metering built into the circuit breaker. A secondary goal is to identify use cases that will improve energy efficiency in a connected home environment.

The research data from this project will provide information on how to design a program within the connected home space. These devices will potentially be coupled with other platforms to enhance demand response and energy efficiency controls.

Program Fiscal Expenditures: Program expenses were forecasted at \$123,579 for the period January through June 2018 compared to actual expenses of \$42,393 for a deviation of \$81,186 or 66% under budget. Actual project expenses were as follows: Tesla Powerwall Demand Response, \$15,522; Tesla Powerwall Demand Photovoltaic, \$20,694; Domestic Hot Water Analysis, \$6,177.

## 2019 CONSERVATION COST RECOVERY FACTORS

<b><u>RATE CLASS</u></b>	<b><u>Cents per kWh</u></b>
RS	0.125
RSVP Tier 1	(3.000)
RSVP Tier 2	(0.926)
RSVP Tier 3	7.591
RSVP Tier 4	66.400
RSTOU On-peak	17.100
RSTOU Off-peak	(3.194)
RSTOU Critical Peak Credit	\$5.00 per event
GS	0.121
GSD, GSDT, GSTOU	0.116
LP, LPT	0.111
LPT-CPO On-Peak	(\$4.89) per kW
LPT-CPO Critical	\$58.68 per kW
PX, PXT, RTP, SBS	0.109
OSI, OSII	0.092
OSIII	0.108
CL Credit	\$5.57 per kW



## CONSERVATION COST RECOVERY

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 14  
PARTY: TAMPA ELECTRIC COMPANY (TECO) - (DIRECT)  
DESCRIPTION: Mark R. Roche MRR-1

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TAMPA ELECTRIC COMPANY  
Energy Conservation  
Adjusted Net True-up  
For Months January 2017 through December 2017

End of Period True-up

Principal	(\$636,746)	
Interest	(\$12,662)	
Total		(\$649,408)

Less: Projected True-up

(Last Projected Conservation Hearing)

Principal	(\$2,973,246)	
Interest	(\$23,865)	
Total		(\$2,997,111)

Adjusted Net True-up \$2,347,703

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TAMPA ELECTRIC COMPANY  
 Analysis of Energy Conservation Program Costs  
 Actual vs. Projected  
 For Months January 2017 through December 2017

Description	Actual	Projected	Difference
1 Capital Investment	\$1,412,704	\$1,432,466	(\$19,762)
2 Payroll	\$3,677,384	\$4,127,706	(\$450,323)
3 Materials and Supplies	\$468,627	\$690,405	(\$221,778)
4 Outside Services	\$2,300,770	\$4,686,371	(\$2,385,601)
5 Advertising	\$686,157	\$1,101,051	(\$414,894)
6 Incentives	\$28,422,115	\$27,222,574	\$1,199,541
7 Vehicles	\$191,594	\$300,399	(\$108,805)
8 Other	\$455,202	\$588,362	(\$133,160)
9 Subtotal	\$37,614,553	\$40,149,334	(\$2,534,781)
10 Less: Renewable Revenues	(\$153,385)	(\$154,949)	\$1,564
11 Total	\$37,461,170	\$39,994,385	(\$2,533,215)
12 Less: Renewable Program	\$124,436	(\$172,948)	\$297,385
13 Total Program Costs	\$37,585,606	\$39,821,437	(\$2,235,831)
14 Beginning of Period True-up	\$789,258	\$789,258	\$0
Overrecovery			
15 Amounts included in Base Rates	\$0	\$0	\$0
16 Conservation Adjustment Revenues	(\$37,738,117)	(\$37,637,448)	(\$100,669)
17 True-up Before Interest	(\$636,746)	(\$2,973,246)	\$2,336,500
18 Interest Provision	(\$12,662)	(\$23,865)	\$11,203
19 End of Period True-up	(\$649,408)	(\$2,997,111)	\$2,347,703

TAMPA ELECTRIC COMPANY  
Actual Conservation Program Costs per Program  
For Months January 2017 through December 2017

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
12000359 Residential Walk-Through Energy Audit	0	1,144,587	5,236	586	477,644	0	76,903	23,428	0	1,728,384
12000353-12000355 Residential Customer Assisted Audit	0	7,128	25,484	18,925	0	0	0	0	0	51,537
12000357, 12000369 Residential Computer Assisted Audit	0	5,184	0	0	0	0	49	349	0	5,582
12000381 Residential Ceiling Insulation	0	77,895	264	\$0	0	214,930	3,443	1,685	0	298,217
12000391 Residential Duct Repair	0	45,433	264	\$0	0	169,710	3,039	517	0	218,963
12000419 Residential Electronically Commutated Motors	0	36	0	\$0	0	0	0	0	0	36
12000375 Energy Education, Awareness and Agency Outre:	481	31,123	94,127	\$33,808	0	0	1,062	9,051	0	169,652
12004152 Energy Star Multi-Family	0	0	0	\$0	0	0	0	0	0	0
12000431 Energy Star for New Homes	0	27,639	0	0	0	544,000	539	4,757	0	576,935
12000349 Residential Heating and Cooling	\$0	\$76,085	\$2,458	\$0	\$0	\$451,035	\$1,107	\$1,484	\$0	\$532,169
12000425 Neighborhood Weatherization	0	165,362	227,959	\$809,294	0	2,254,567	11,456	3,264	0	3,471,902
12000433 Energy Planner	1,400,210	903,703	10,664	\$1,221,108	184,770	0	60,877	244,245	0	4,025,577
12000365 Residential Wall Insulation	0	\$166	\$0	0	0	454	3	0	0	623
12000367 Residential Window Replacement	0	78,286	0	\$0	0	508,556	819	1,457	0	589,118
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film	0	0	0	0	0	0	0	0	0	0
12000351 Prime Time	0	7,966	0	17,042	0	0	0	228	0	25,236
12000363 Commercial/Industrial Audit (Free)	0	251,471	2,250	419	0	0	9,182	12,599	0	275,921
12000361 Comprehensive Commercial/Industrial Audit (Pai	0	60	0	0	0	0	0	372	0	432
12000397 Commercial Ceiling Insulation	0	4,543	0	0	0	1,392	29	35	0	5,999
12000411 Commercial Chiller	0	3,892	0	0	0	27,487	14	743	0	32,136
12000371 Cogeneration	0	\$66,824	\$0	0	0	0	164	8,061	0	75,049
12000389 Conservation Value	0	1,612	0	0	0	0	0	372	0	1,984
12000443 Cool Roof	0	25,464	432	0	0	171,853	100	499	0	198,348
12000429 Commercial Cooling	0	5,348	0	0	0	0	0	0	0	5,348
12000409 Demand Response	0	18,786	0	0	0	3,689,785	212	3,493	0	3,712,276
12000377 Commercial Duct Repair	0	4,314	0	0	0	450	11	0	0	4,775
12000441 Commercial ECM	0	4,118	0	0	0	23,180	5	0	0	27,303
12000379 Industrial Load Management (GLSM 2&3)	12,013	15,354	97,516	11,763	0	16,811,148	19,268	2,793	0	16,969,855
12000385 Lighting Conditioned Space	0	68,316	678	0	0	384,558	1,769	4,057	0	459,378
12003201 Lighting Non-Conditioned Space	0	44,427	0	0	0	186,255	769	239	0	231,690
12000413 Lighting Occupancy Sensors	0	1,746	0	0	0	20,491	30	0	0	22,267
12000383 CILM (GLSM 1)	0	132	0	0	0	6,993	0	0	0	7,125
12000415 Refrigeration Anti-condensate Control	0	235	0	0	0	0	19	0	0	254
12000387 Standby Generator	0	37,836	146	0	0	2,945,171	61	590	0	2,983,804
12003202 Thermal Energy Storage	0	1,390	0	0	0	10,100	40	129	0	11,659
12000399 Commercial Wall Insulation	0	104	0	0	0	0	0	0	0	104
12000417 Commercial Water Heating	0	252	0	0	0	0	0	0	0	252
12000427 Conservation Research and Development	0	8,427	0	50,000	0	0	18	3,073	0	61,518
12000393 Renewable Energy Program	0	7,161	0	7,895	12,923	0	0	970	-153,385	-124,436
12000403-12000407,120 Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	0	0
12000445 Commercial ERV	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning	0	0	0	0	0	0	0	0	0	0
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film	0	0	0	0	0	0	0	0	0	0
12000347 Common Expenses	0	534,980	1,149	129,930	10,820	0	606	126,712	0	804,197
<b>Total All Programs</b>	<b>1,412,704</b>	<b>3,677,384</b>	<b>468,627</b>	<b>2,300,770</b>	<b>686,157</b>	<b>28,422,115</b>	<b>191,594</b>	<b>455,202</b>	<b>(153,385)</b>	<b>37,461,169</b>
Less Renewable Energy Program	0	7,161	0	7,895	12,923	0	0	970	-153,385	-124,436
<b>Total Less Renewable Energy Program</b>	<b>1,412,704</b>	<b>3,670,222</b>	<b>468,627</b>	<b>2,292,875</b>	<b>673,234</b>	<b>28,422,115</b>	<b>191,594</b>	<b>454,232</b>	<b>0</b>	<b>37,585,605</b>

TAMPA ELECTRIC COMPANY  
Conservation Program Costs per Program  
Variance - Actual vs. Projected  
For Months January 2017 through December 2017

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
12000359 Residential Walk-Through Energy Audit	0	-181,743	675	-32,000	-353,364	0	-19,084	-2	0	-585,518
12000353-12000355 Residential Customer Assisted Audit	0	6,648	12,836	-141,933	0	0	0	0	0	-122,449
12000357, 12000369 Residential Computer Assisted Audit	0	-6,111	0	-2,000	0	0	-85	50	0	-8,146
12000381 Residential Ceiling Insulation	0	7,221	-53	0	0	-11,834	-440	547	0	-4,559
12000391 Residential Duct Repair	0	4,387	-28	0	0	-705	-847	422	0	3,229
12000419 Residential Electronically Commutated Motors	0	0	0	-105	0	-115	0	0	0	-220
12000375 Energy Education, Awareness and Agency Outreach	-4,073	-17,269	79,350	19,654	0	0	-21,975	-5,010	0	50,677
12004152 Energy Star Multi Family	0	-406	0	0	0	-97,500	-25	-200	0	-98,131
12000431 Energy Star for New Homes	0	-1,842	0	(\$369)	0	46,750	-209	-733	0	43,597
12000349 Residential Heating and Cooling	0	3,661	0	-5,358	0	-7,965	422	1,347	0	-7,893
12000425 Neighborhood Weatherization	0	31,340	-222,887	13,820	0	-1,391,701	311	-1,323	0	-1,570,440
12000433 Energy Planner	-15,689	-108,191	-7,183	(\$26,768)	-61,201	0	141	-135,568	0	-354,459
12000365 Residential Wall Insulation	0	15	0	0	0	-229	-30	0	0	-244
12000367 Residential Window Replacement	0	9,465	0	0	0	-36,870	50	205	0	-27,150
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film	0	0	0	0	0	0	0	0	0	0
12000351 Prime Time	0	-880	0	-3,954	0	0	0	-222	0	-5,056
12000363 Commercial/Industrial Audit (Free)	0	-12,618	-897	0	-10,000	0	425	629	0	-22,461
12000361 Comprehensive Commercial/Industrial Audit (Paid)	0	-8,110	-2,500	0	0	0	0	-108	0	-10,718
12000397 Commercial Ceiling Insulation	0	2,646	0	0	0	-1,953	-97	35	0	631
12000411 Commercial Chiller	0	1,072	0	0	0	-3,492	-97	743	0	-1,774
12000371 Cogeneration	0	10,606	0	0	0	0	0	0	0	10,606
12000389 Conservation Value	0	1,612	-6,625	0	-3,252	0	-60,000	222	0	-68,043
12000443 Cool Roof	0	-2,014	0	0	0	-72,955	-224	499	0	-74,694
12000429 Commercial Cooling	0	1,886	0	0	0	0	-320	-150	0	1,416
12000409 Demand Response	0	-6,657	0	-1,530,000	0	1,853,785	-198	-11	0	316,919
12000377 Commercial Duct Repair	0	1,455	0	0	0	-450	-64	0	0	941
12000441 Commercial ECM	0	-74	0	-500	0	16,895	-45	0	0	16,276
12000379 Industrial Load Management (GLSM 2&3)	0	-441	0	0	0	993,629	-213	0	0	992,975
12000385 Lighting Conditioned Space	0	-17,398	0	0	0	-24,024	821	1,833	0	-38,768
12003201 Lighting Non-Conditioned Space	0	4,548	0	0	0	72,211	493	185	0	77,437
12000413 Lighting Occupancy Sensors	0	1,043	0	0	0	91	-31	0	0	1,103
12000383 CILM (GLSM 1)	0	132	0	0	0	6,993	-6,790	0	0	335
12000415 Refrigeration Anti-condensate Control	0	-81	0	0	0	-1,500	-25	0	0	-1,606
12000387 Standby Generator	0	-63,514	-75,000	-303,700	0	-24,456	-153	590	0	-466,233
12003202 Thermal Energy Storage	0	-2,141	0	-592	0	-90,100	-12	129	0	-92,716
12000399 Commercial Wall Insulation	0	104	0	0	0	0	0	0	0	104
12000417 Commercial Water Heating	0	-65	0	0	0	-2,000	-25	0	0	-2,090
12000427 Conservation Research and Development	0	1,850	0	-17,036	0	-22,964	-382	-227	0	-38,759
12000393 Renewable Energy Program	0	-11,871	0	-300,000	12,923	0	0	0	1,564	-297,384
12000403-12000407, 1200(Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	0	0
12000445 Commercial ERV	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning	0	0	0	0	0	0	0	0	0	0
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film	0	0	0	0	0	0	0	0	0	0
12000347 Common Expenses	0	-98,587	534	-54,760	0	0	-97	2,958	0	-149,952
44 Total All Programs	-19,762	-450,323	-221,778	-2,385,601	-414,894	1,199,541	-108,805	-133,160	1,564	-2,533,215
Less Renewable Energy Program	0	-11,871	0	-300,000	12,923	0	0	0	1,564	-297,384
Total Less Renewable Energy Program	-19,762	-438,452	-221,778	-2,085,601	-427,817	1,199,541	-108,805	-133,160	0	-2,235,831

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TAMPA ELECTRIC COMPANY  
 Description for Accounts  
 For Months January 2017 through December 2017

Internal Order	Program Name
12000359	Residential Walk-Through Energy Audit (Free Energy Check)
12000353	Residential Customer Assisted Energy Audit (Online)
12000355	Residential Customer Assisted Energy Audit (Phone)
12000357	Residential Computer-Assisted Energy Audit ("RCS")
12000369	Residential Building Energy Ratings System (BERS) Energy Audit
12000363	Commercial/Industrial Energy Audit (Free)
12000361	Comprehensive Commercial/Industrial Energy Audit (Paid)
12000381	Residential Ceiling Insulation
12000391	Residential Duct Repair
12000419	Residential Electronically Commutated Motors
12000375	Energy Education, Awareness and Agency Outreach
12000431	Energy Star for New Homes
12004152	Energy Star for Mult-Family Residences
12000349	Residential Heating and Cooling
12000425	Neighborhood Weatherization
12000433	Energy Planner
12000365	Residential Wall Insulation
12000367	Residential Window Replacement
12000421	Residential HVAC Re-Commissioning
12000373	Residential Window Film
12000351	Prime Time
12000397	Commercial Ceiling Insulation
12000411	Commercial Chiller
12000371	Cogeneration
12000389	Conservation Value
12000443	Cool Roof
12000429	Commercial Cooling
12000409	Demand Response
12000377	Commercial Duct Repair
12000441	Commercial ECM
12000379	Industrial Load Management (GSLM 2&3)
12000385	Lighting Conditioned Space
12003201	Lighting Non-Conditioned Space
12000413	Lighting Occupancy Sensors
12000383	CILM (GSLM 1)
12000415	Refrigeration Anti-condensate Control
12000387	Standby Generator
12003202	Thermal Energy Storage
12000399	Commercial Wall Insulation
12000417	Commercial Water Heating
12000427	Conservation Research and Development (R&D)
12000393	Renewable Energy Program
12000405	Renewable Energy Systems Initiative
12000405	Renewable Energy Systems Initiative
12000403	Renewable Energy Systems Initiative
12000407	Renewable Energy Systems Initiative
12000423	Renewable Energy Systems Initiative
12000445	Commercial ERV
12000437	Commercial Exit Signs
12000439	Commercial HVAC Re-Commissioning
12000401	Commercial Motors
12000435	Commercial Roof Insulation
12000395	Commercial Window Film
12000347	Common Expenses

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Summary of Expenses by Program by Month  
For Months January 2017 through December 2017

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
12000359 Residential Walk-Through Energy Audit	54,728	169,037	189,911	159,103	161,972	128,779	144,464	166,369	165,208	114,116	131,827	142,869	1,728,384
12000353-12000355 Residential Customer Assisted Audit	0	2,528	18,328	2,519	2,533	2,970	5,720	4,446	1,478	3,057	3,499	4,460	51,537
12000357, 12000369 Residential Computer Assisted Audit	0	640	3,207	422	1,076	0	0	187	0	0	50	0	5,582
12000381 Residential Ceiling Insulation	19,628	20,987	28,756	28,795	34,110	39,535	28,106	29,137	15,852	23,288	12,364	17,661	298,217
12000391 Residential Duct Repair	16,781	14,115	15,697	9,668	19,640	32,475	9,512	32,746	5,912	8,214	11,092	43,111	218,963
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	36	0	0	0	0	0	0	36
12000375 Energy Education, Awareness and Agency Outr	1,221	3,475	17,708	5,895	5,983	10,227	3,046	7,872	2,108	53,692	13,581	44,845	169,651
12000431 Energy Star for New Homes	96,974	35,370	19,825	48,228	17,973	41,348	58,156	84,336	23,368	13,778	93,975	43,605	576,935
12000349 Residential Heating and Cooling	31,367	34,857	44,917	44,214	55,534	56,804	57,687	57,727	39,020	54,339	35,882	19,820	532,170
12000425 Neighborhood Weatherization	151,519	156,004	193,084	\$253,237	445,237	308,994	275,809	388,751	532,077	112,040	224,133	431,017	3,471,902
12000433 Energy Planner	663,120	308,941	351,501	283,062	290,621	290,653	286,342	299,778	342,180	244,335	275,456	389,588	4,025,577
12000365 Residential Wall Insulation	86	148	19	0	0	0	117	80	138	0	0	36	623
12000367 Residential Window Replacement	53,906	49,463	54,053	\$52,429	51,961	51,311	42,794	60,677	45,917	45,871	44,750	35,986	589,117
12000421 Residential HVAC Re-Commissioning	0	0	0	0	0	0	0	0	0	0	0	0	0
12000373 Residential Window Film	0	0	0	0	0	0	0	0	0	0	0	0	0
12000351 Prime Time	4,890	507	3,228	481	3,116	2,661	1,182	3,625	252	405	3,633	1,256	25,236
12000363 Commercial/Industrial Audit (Free)	13,242	28,044	27,580	18,423	20,613	25,047	25,536	35,417	15,890	20,036	29,486	16,607	275,921
12000361 Comprehensive Commercial/Industrial Audit (Pa	0	60	0	0	0	0	372	0	0	0	0	0	432
12000397 Commercial Ceiling Insulation	173	167	450	0	78	388	257	758	70	841	1,573	1,245	6,000
12000411 Commercial Chiller	4,684	859	2,864	13,532	147	439	7,882	589	116	953	70	0	32,136
12000371 Cogeneration	3,850	12,133	10,829	3,789	5,594	5,945	4,603	9,513	3,842	4,961	6,005	3,985	75,049
12000389 Conservation Value	404	508	0	64	173	0	372	231	116	0	116	0	1,984
12000443 Cool Roof	68,386	10,638	24,351	2,139	1,718	61,103	5,167	13,697	1,277	2,743	2,898	4,232	198,348
12000429 Commercial Cooling	404	411	610	523	424	439	555	589	116	549	174	553	5,348
12000409 Demand Response	306,957	1,399	614,481	310,903	307,399	1,701	613,104	308,135	1,204	307,519	307,893	631,582	3,712,276
12000377 Commercial Duct Repair	404	283	578	439	147	439	439	654	577	462	301	52	4,775
12000441 Commercial ECM	173	946	2,300	439	205	439	439	589	116	21,582	70	5	27,303
12000379 Industrial Load Management (GLSM 2&3)	1,583,294	1,489,655	1,491,547	1,255,382	1,412,675	1,424,139	1,421,450	1,353,643	1,440,258	1,553,531	1,286,995	1,257,288	16,969,854
12000385 Lighting Conditioned Space	8,904	59,648	15,549	68,996	61,742	35,826	36,457	34,157	12,512	45,077	66,338	14,170	459,378
12003201 Lighting Non-Conditioned Space	17,186	27,335	13,158	6,189	8,460	13,581	16,162	54,959	2,635	45,877	7,595	18,553	231,690
12000413 Lighting Occupancy Sensors	0	0	0	0	17,600	11	19	3,401	966	270	0	0	22,267
12000383 CILM (GLSM 1)	0	0	0	907	999	884	1,272	1,065	999	999	0	0	7,125
12000415 Refrigeration Anti-condensate Control	0	19	64	32	0	0	0	0	35	0	104	0	254
12000387 Standby Generator	254,042	238,546	234,754	254,555	265,491	231,318	234,585	260,600	251,990	248,455	241,148	268,321	2,983,804
12003202 Thermal Energy Storage	0	263	152	10,100	116	0	38	245	150	0	191	404	11,659
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	104	0	0	0	104
12000417 Commercial Water Heating	0	0	0	32	116	0	0	0	35	0	70	0	252
12000427 Conservation Research and Development	144	231	0	0	1,514	632	1,738	4,787	1,332	330	520	50,289	61,517
12000393 Renewable Energy Program	-12,061	-12,479	-13,159	-3,413	-12,513	-14,498	-12,869	-11,506	-12,147	-12,257	1,913	-9,448	-124,436
12000403-12000407, 120Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
12000445 Commercial ERV	0	0	0	0	0	0	0	0	0	0	0	0	0
12000437 Commercial Exit Signs	0	0	0	0	0	0	0	0	0	0	0	0	0
12000439 Commercial HVAC Re-commissioning	0	0	0	28	-28	0	0	0	0	0	0	0	0
12000401 Commercial Motors	0	0	0	0	0	0	0	0	0	0	0	0	0
12000435 Commercial Roof Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
12000395 Commercial Window Film	0	0	0	0	0	0	0	0	0	0	0	0	0
12000347 Common Expenses	61,690	90,055	108,999	100,701	65,472	68,409	56,245	73,758	42,583	46,815	40,952	48,517	804,197
Total	3,406,098	2,744,792	3,475,342	2,931,815	3,247,899	2,822,033	3,326,760	3,281,014	2,938,281	2,961,877	2,844,653	3,480,607	37,461,169
Less: Renewable Energy Program	(12,061)	(12,479)	(13,159)	(3,413)	(12,513)	(14,498)	(12,869)	(11,506)	(12,147)	(12,257)	1,913	(9,448)	(124,436)
Recoverable Conservation Expenses	3,418,159	2,757,271	3,488,501	2,935,228	3,260,411	2,836,530	3,339,629	3,292,519	2,950,428	2,974,134	2,842,740	3,490,055	37,585,605

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2017 through December 2017

Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Conservation Adjustment Revenues *	2,810,991	2,575,105	2,584,417	2,800,577	3,288,946	3,489,588	3,562,364	3,720,827	3,806,673	3,507,311	2,933,656	2,657,662	37,738,117
3 Total Revenues	2,810,991	2,575,105	2,584,417	2,800,577	3,288,946	3,489,588	3,562,364	3,720,827	3,806,673	3,507,311	2,933,656	2,657,662	37,738,117
4 Prior Period True-up	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(\$133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,245)</u>	<u>(133,250)</u>	<u>(1,598,945)</u>
5 Conservation Revenue Applicable to Period	2,677,746	2,441,860	2,451,172	<u>\$2,667,332</u>	3,155,701	3,356,343	3,429,119	3,587,582	3,673,428	3,374,066	2,800,411	2,524,412	36,139,172
6 Conservation Expenses	<u>3,418,159</u>	<u>2,757,271</u>	<u>3,488,501</u>	<u>2,935,228</u>	<u>3,260,411</u>	<u>2,836,530</u>	<u>3,339,629</u>	<u>3,292,519</u>	<u>2,950,428</u>	<u>2,974,134</u>	<u>2,842,740</u>	<u>3,490,055</u>	37,585,605
7 True-up This Period (Line 5 - Line 6)	(740,413)	(315,411)	(1,037,329)	(267,896)	(104,710)	519,813	89,490	295,063	723,000	399,932	(42,329)	(965,643)	(1,446,433)
8 Interest Provision This Period	(667)	(864)	(1,343)	(1,916)	(1,957)	(1,931)	(1,687)	(1,373)	(651)	(136)	138	(275)	(12,662)
9 True-up & Interest Provision Beginning of Period	(789,258)	(1,397,093)	(1,580,123)	<u>(2,485,550)</u>	(2,622,117)	(2,595,539)	(1,944,412)	(1,723,364)	(1,296,429)	(440,835)	92,206	183,260	(16,599,254)
10 Prior Period True-up Collected (Refunded)	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,245</u>	<u>133,250</u>	<u>1,598,945</u>
11 End of Period Total Net True-up	<u>(1,397,093)</u>	<u>(1,580,123)</u>	<u>(2,485,550)</u>	<u>(2,622,117)</u>	<u>(2,595,539)</u>	<u>(1,944,412)</u>	<u>(1,723,364)</u>	<u>(1,296,429)</u>	<u>(440,835)</u>	<u>92,206</u>	<u>183,260</u>	<u>(649,408)</u>	<u>(16,459,404)</u>

\* Net of Revenue Taxes

(A) Included in Line 6



TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2017 through December 2017

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	(789,258)	(1,397,093)	(1,580,123)	(2,485,550)	(2,622,117)	(2,595,539)	(1,944,412)	(1,723,364)	(1,296,429)	(440,835)	92,206	183,260	
2 Ending True-up Amount Before Interest	(1,396,426)	(1,579,259)	(2,484,207)	(2,620,201)	(2,593,582)	(1,942,481)	(1,721,677)	(1,295,056)	(440,184)	92,342	183,122	(649,133)	
3 Total Beginning & Ending True-up	<u>(2,185,684)</u>	<u>(2,976,352)</u>	<u>(4,064,330)</u>	<u>(5,105,751)</u>	<u>(5,215,699)</u>	<u>(4,538,020)</u>	<u>(3,666,089)</u>	<u>(3,018,420)</u>	<u>(1,736,613)</u>	<u>(348,493)</u>	<u>275,328</u>	<u>(465,873)</u>	
4 Average True-up Amount (50% of Line 3)	<u>(1,092,842)</u>	<u>(1,488,176)</u>	<u>(2,032,165)</u>	<u>(2,552,876)</u>	<u>(2,607,850)</u>	<u>(2,269,010)</u>	<u>(1,833,045)</u>	<u>(1,509,210)</u>	<u>(868,307)</u>	<u>(174,247)</u>	<u>137,664</u>	<u>(232,937)</u>	
5 Interest Rate - First Day of Month	0.720000	0.740000	0.640000	1	0.860000	0.950000	1.080000	1.120000	1.060000	0.730000	1.140000	1.250000	
6 Interest Rate - First Day of Next Month	0.740000	0.640000	0.940000	1	0.950000	1.080000	1.120000	1.060000	0.730000	1.140000	1.250000	1.580000	
7 Total (Line 5 + Line 6)	1.460000	1.380000	1.580000	2	1.810000	2.030000	2.200000	2.180000	1.790000	1.870000	2.390000	2.830000	
8 Average Interest Rate (50% of Line 7)	0.730000	0.690000	0.790000	1	0.905000	1.015000	1.100000	1.090000	0.895000	0.935000	1.195000	1.415000	
9 Monthly Average Interest Rate (Line 8/12)	0.000610	0.000580	0.000660	0.000750	0.000750	0.000850	0.000920	0.000910	0.000750	0.000780	0.001000	0.001180	
10 Interest Provision (Line 4 x Line 9)	(667)	(864)	(1,343)	(1,916)	(1,957)	(1,931)	(1,687)	(1,373)	(651)	(136)	138	(275)	

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2017 through December 2017

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		1,050	61,066	23,034	52,216	47,726	44,093	32,210	68,597	33,666	58,323	50,283	100,197	572,461
2 Retirements		96,654	112,575	160,676	21,432	20,915	101,805	0	27,546	58,804	106,677	22,187	22,405	751,675
3 Depreciation Base		5,913,735	5,862,226	5,724,584	5,755,368	5,782,179	5,724,467	5,756,677	5,797,728	5,772,590	5,724,236	5,752,332	5,830,123	
4 Depreciation Expense		99,359	98,133	96,557	95,666	96,146	95,888	95,676	96,287	96,419	95,807	95,638	96,407	1,157,983
5 Cumulative Investment	6,009,339	5,913,735	5,862,226	5,724,584	5,755,368	5,782,179	5,724,467	5,756,677	5,797,728	5,772,590	5,724,236	5,752,332	5,830,123	5,830,123
6 Less: Accumulated Depreciation	2,952,069	2,954,775	2,940,333	2,876,214	2,950,448	3,025,679	3,019,762	3,115,438	3,184,179	3,221,794	3,210,924	3,284,375	3,358,377	3,358,377
7 Net Investment	3,057,269	2,958,960	2,921,893	2,848,370	2,804,920	2,756,500	2,704,705	2,641,239	2,613,549	2,550,796	2,513,312	2,467,957	2,471,746	2,471,746
8 Average Investment		3,008,115	2,940,427	2,885,132	2,826,645	2,780,710	2,730,603	2,672,972	2,627,394	2,582,173	2,532,054	2,490,635	2,469,852	
9 Return on Average Investment - Equity Component		17,632	17,235	16,911	16,568	16,299	16,005	15,601	15,335	15,071	14,779	14,537	14,396	190,369
10 Return on Average Investment - Debt Component		5,055	4,941	4,848	4,750	4,673	4,588	4,000	3,932	3,864	3,789	3,727	3,691	51,858
11 Total Depreciation and Return		122,046	120,309	118,316	116,984	117,118	116,481	115,277	115,554	115,354	114,375	113,902	114,494	1,400,210

Note: Depreciation expense is calculated using a useful life of 60 months.  
Line 9 x 7.0336% x 1/12 (Jan-Jun) and Line 9 x 7.0440% x1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).  
Line 10 x 2.0164% x 1/12 (Jan-Jun) and Line 10 x 1.7959% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2017 through December 2017

INDUSTRIAL LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2 Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3 Depreciation Base		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4 Depreciation Expense		919	919	919	919	919	919	919	919	919	919	919	919	11,028
5 Cumulative Investment	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126
6 Less: Accumulated Depreciation	38,615	39,534	40,453	41,372	42,291	43,210	44,129	45,048	45,967	46,886	47,805	48,724	49,643	49,643
7 Net Investment	16,511	15,592	14,673	13,754	12,835	11,916	10,997	10,078	9,159	8,240	7,321	6,402	5,485	5,485
8 Average Investment		16,051	15,133	14,214	13,295	12,376	11,457	10,538	9,619	8,700	7,781	6,862	5,944	
9 Return on Average Investment		94	89	83	78	73	67	62	56	51	45	40	35	773
10 Return Requirements		27	25	24	22	21	19	16	14	13	12	10	9	212
11 Total Depreciation and Return		1,040	1,033	1,026	1,019	1,013	1,005	997	989	983	976	969	963	12,013

Note: Depreciation expense is calculated using a useful life of 60 months.  
Line 9 x 7.0336% x 1/12 (Jan-Jun) and Line 9 x 7.0440% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).  
Line 10 x 2.0164% x 1/12 (Jan-Jun) and Line 10 x 1.7959% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2017 through December 2017

ENERGY EDUCATION AWARENESS

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		0	0	0	0	0	0	0	0	0	0	10,039	12,523	22,562
2 Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3 Depreciation Base		0	0	0	0	0	0	0	0	0	0	10,039	22,562	
4 Depreciation Expense		0	0	0	0	0	0	0	0	0	0	83	272	355
5 Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	10,039	22,562	22,562
6 Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	83	355	355
7 Net Investment	0	0	0	0	0	0	0	0	0	0	0	9,956	22,207	22,207
8 Average Investment		0	0	0	0	0	0	0	0	0	0	4,978	16,082	
9 Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	94	94
10 Return on Average Investment - Debt Component		0	0	0	0	0	0	0	0	0	0	8	24	32
11 Total Depreciation and Return		0	0	0	0	0	0	0	0	0	0	91	390	481

Note: Depreciation expense is calculated using a useful life of 60 months.  
Line 9 x 7.0336% x 1/12 (Jan-Jun) and Line 9 x 7.0440% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).  
Line 10 x 2.0164% x 1/12 (Jan-Jun) and Line 10 x 1.7959% x 1/12 (Jul-Dec).

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TAMPA ELECTRIC COMPANY  
Reconciliation and Explanation of  
Difference Between Filing and FPSC Audit  
For Months January 2017 through December 2017

The audit has not been completed as of the date of this filing.

## Program Description and Progress

Program Title: Energy Audits

Program Description: Energy audits are a conservation program designed to save demand and energy by increasing customer awareness of energy use in personal residences, commercial facilities and industrial plants. Five types of audits are available to Tampa Electric customers; three types are for residential class customers and two types are for commercial/industrial customers.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating:  
Residential Walk-Through: 5,501  
Residential Customer Assisted: 409  
Residential Computer Assisted: 4  
Commercial/Industrial: 1,211  
Commercial/Industrial Comprehensive: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$2,061,856.

Program Progress Summary: Through this reporting period 349,589 customers have participated in on-site audits. Additionally, 124,504 customers have participated in company processed residential and commercial customer assisted audits.

## Program Description and Progress

Program Title: Residential Ceiling Insulation

Program Description: The Residential Ceiling Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing ceiling insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Customers will receive a certificate that is used as partial payment for the ceiling insulation installed.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 945

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$298,217.

Program Progress Summary: Through this reporting period 122,768 customers have participated.

## Program Description and Progress

Program Title: Residential Duct Repair

Program Description: The Residential Duct Repair Program is a conservation rebate program designed to reduce demand and energy by decreasing the load on residential HVAC equipment helping the customer reduce their energy consumption and reducing Tampa Electric's peak demand. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the ADS. The ADS is defined as the air handler, air ducts, return plenums, supply plenums and any connecting structure.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 1,176

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$218,963.

Program Progress Summary: Through this reporting period 100,398 customers have participated.



### Program Description and Progress

Program Title: Residential Electronically Commutated Motors (ECM)

Program Description: The Residential ECM Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing an ECM to help reduce their energy consumption and reduce Tampa Electric's peak demand. ECM motors are designed to help residential customers improve the overall efficiency of their existing HVAC equipment by replacing the current induction motor in the air-handler with an ECM.

Program Accomplishments: January 1, 2017 to December 31, 2017  
Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017  
Actual expenses were \$36.

Program Progress Summary: Through this reporting period five customers have participated.

## Program Description and Progress

Program Title: Energy Education, Awareness and Agency Outreach

Program Description: The Energy Education, Awareness and Agency Outreach Program is comprised of three distinct initiatives. The Energy Education and Awareness portion of the program is designed to establish opportunities for engaging groups of customers and students in energy-efficiency related discussions in an organized setting. The Agency Outreach portion of the program will allow for delivery of energy efficiency kits that will help educate agency clients on practices that help to reduce energy consumption. The suggested practices will mirror the recommendations provided to customers who participate in a free energy audit.

Program Accomplishments: January 1, 2017 to December 31, 2017

In this reporting period Tampa Electric partnered with 7 local schools to present Energy Education to 855 students through 14 classroom presentations. Tampa Electric also continues to partner with Junior Achievement BizTown presenting Energy Education to 19,530 students representing 212 local schools. In addition, the company gave 7 presentations to civic organizations and distributed 975 energy saving kits to participating customers.

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$169,644.

Program Progress Summary: Through this reporting period Tampa Electric has partnered with 116 local schools to present Energy Education to 35,434 students. In addition, the company gave 144 presentations to civic organizations that generated 837 customer assisted audits and distributed 5,777 energy saving kits to participating customers.

## Program Description and Progress

Program Title: ENERGY STAR for New Multi-Family Residences

Program Description: The ENERGY STAR for New Multi-Family Residences Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction apartment and condominium residence market. The program utilizes a rebate to encourage the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label. By receiving this certificate, the new residence will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$0.

Program Progress Summary: Tampa Electric received Commission approval to implement this program on May 4, 2017. Through this reporting period zero customers have participated.

## Program Description and Progress

Program Title: ENERGY STAR for New Homes

Program Description: The ENERGY STAR for New Homes Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction market. The program utilizes a rebate to encourage the construction of new homes to meet the requirements to achieve the ENERGY STAR certified new home label. By receiving this certificate, the new home will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand. This program replaced the prior Residential New Construction program.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 640

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$576,935.

Program Progress Summary: Through this reporting period 12,811 customers have participated.

## Program Description and Progress

Program Title: Residential Heating and Cooling

Program Description: The Residential Heating and Cooling Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing high efficiency heating and cooling systems to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate residential customers that install a qualifying air conditioning system.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 3,341

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$532,169.

Program Progress Summary: Through this reporting period 201,395 customers have participated.

## Program Description and Progress

Program Title: Neighborhood Weatherization

Program Description: The Neighborhood Weatherization Program is designed to assist low income families in reducing their energy usage. The goal of the program is to provide and install a package of conservation measures at no cost to the customer. Another key component will be educating families and promoting energy conservation techniques to help customers control and reduce their energy usage.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 6,550

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$3,471,902.

Program Progress Summary: Through this reporting period 35,932 customers have participated.

## Program Description and Progress

Program Title: Residential Price Responsive Load Management  
(Energy Planner)

Program Description: The company's program relies on a multi-tiered rate structure combined with price signals conveyed to participating customers during the day. This price information is designed to encourage customers to make behavioral or equipment usage changes to their energy consumption thereby achieving the desired high cost period load reduction to assist in meeting system peak.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of net customers participating: 574

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$4,025,577.

Program Progress Summary: Through this reporting period 4,536 customers have participated.

## Program Description and Progress

Program Title: Residential Wall Insulation

Program Description: The Residential Wall Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing wall insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Wall insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed in exterior walls adjacent to conditioned spaces. Customers will receive a certificate that is used as partial payment for the wall insulation installed.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 5

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$623.

Program Progress Summary: Through this reporting period 195 customers have participated.



## Program Description and Progress

Program Title: Residential Window Replacement

Program Description: The Residential Window Replacement Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for replacing existing external windows with high performance windows that help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. High performance windows are designed to reduce demand and energy by decreasing the solar heat gain into a residence and in turn, decrease the load on residential air conditioning equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of exterior windows replaced.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 1,482

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$589,118.

Program Progress Summary: Through this reporting period 13,206 customers have participated.

## Program Description and Progress

Program Title: Prime Time

Program Description: This load management incentive program encourages residential customers to allow the control for reducing weather-sensitive heating, cooling and water heating through a radio signal control mechanism. The participating customers receive monthly incentives as credits on their electric bills. Per Commission Order No. PSC-15-0434-CO-EG issued October 12, 2015, the Prime Time Program began its systematic phased closure. This program was retired on May 11, 2016.

Program Accomplishments: January 1, 2017 to December 31, 2017

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$25,236.

Program Progress Summary: This program was retired on May 11, 2016.

## Program Description and Progress

Program Title: Commercial Ceiling Insulation

Program Description: The Commercial Ceiling Insulation Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing ceiling insulation to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on commercial/industrial air conditioning and heating equipment. Qualifying structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Certificates for participation will be issued through energy audits or by direct evaluation of the existing building envelope.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 5

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$5,999.

Program Progress Summary: Through this reporting period 311 customers have participated.

## Program Description and Progress

Program Title: Commercial Chiller

Program Description: The Commercial Chiller Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities and processes. The goal is to offer customer rebates for installing high efficiency electric water-cooled chillers and electric air-cooled chillers that exceed Florida's Building Code and minimum product manufacturing standards in commercial/industrial buildings or processes to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. High efficiency chillers reduce demand and energy by decreasing the load on air conditioning and heating equipment or process cooling equipment during weather sensitive peak demand times.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 7

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$32,136.

Program Progress Summary: Through this reporting period 68 customers have participated.

## Program Description and Progress

Program Title:	<u>Cogeneration</u>
Program Description:	Tampa Electric's Cogeneration program is administered by a professional team experienced in working with cogenerators. The group manages functions related to coordination with Qualifying Facilities ("QFs") including negotiations, agreements and informational requests; functions related to governmental, regulatory and legislative bodies; research, development, data acquisition and analysis; economic evaluations of existing and proposed QFs as well as the preparation of Tampa Electric's Annual Twenty-Year Cogeneration Forecast.
Program Accomplishments:	<u>January 1, 2017 to December 31, 2017</u>  The company continued communication and interaction with all present and potential customers.  Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.
Program Fiscal Expenditures:	<u>January 1, 2017 to December 31, 2017</u>  Actual expenses were \$75,049.
Program Progress Summary:	At the end of 2017, there are eight cogeneration Qualifying Facilities ("QFs") that are on-line in Tampa Electric's service area. The total nameplate generation capacity of these eight interconnected cogeneration facilities is 443.3 MW. During 2017, the company received 187.60 GWh from these facilities. The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities.

## Program Description and Progress

Program Title: Conservation Value

Program Description: The Conservation Value Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. This rebate program is designed to recognize those investments in demand shifting or demand reduction measures that reduce Tampa Electric's peak demand. Measures funded in this program will not be covered under any other Tampa Electric commercial/industrial conservation programs. Candidates are identified through energy audits or their engineering consultants can submit proposals for funding which offer demand and energy reduction during weather sensitive peak periods helping reduce Tampa Electric's peak demand.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$1,984.

Program Progress Summary: Through this reporting period 51 customers have participated.

## Program Description and Progress

Program Title: Cool Roof

Program Description: The Cool Roof Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing a cool roof system above conditioned spaces to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Cool roofs reduce the heat load transferred into a building or facility by reflecting some of the sun's energy which reduces the load on commercial/industrial air conditioning and cooling equipment. Qualifying structures are eligible for a rebate based upon the total square footage of cool roof PVC membrane installed over conditioned space.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 13

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$198,348.

Program Progress Summary: Through this reporting period 232 customers have participated.

## Program Description and Progress

Program Title: Commercial Cooling

Program Description: The Commercial Cooling Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing high efficiency heating and cooling systems to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate commercial/industrial customers that install a qualifying air conditioning system.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$5,348.

Program Progress Summary: Through this reporting period 2,298 customers have participated.



## Program Description and Progress

Program Title: Demand Response

Program Description: Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks. The company will contract for a turn-key program that will induce commercial/industrial customers to reduce their demand for electricity in response to market signals. Reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.

Program Accomplishments: January 1, 2017 to December 31, 2017

See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$3,712,276.

Program Progress Summary: Through this reporting period the company's vendor maintains a portfolio of participating customers providing an available total of 40 MW for demand response control.

## Program Description and Progress

Program Title: Commercial Duct Repair

Program Description: The Commercial Duct Repair Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal of this conservation program is to offer rebates for sealing existing facility's duct system to reduce demand and energy by decreasing the load on commercial HVAC equipment. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the ADS.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 3

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$4,775.

Program Progress Summary: Through this reporting period 11,033 customers have participated.

## Program Description and Progress

Program Title: Commercial Electronically Commutated Motors (ECM)

Program Description: The Commercial ECM Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal of this conservation program is to offer rebates for installing electronically commutated motors in existing air conditioning and refrigeration equipment. The program is aimed at reducing energy and the growth of weather sensitive peak demand by encouraging customers to replace current induction motors with high efficiency ECM that exceed minimum product manufacturing standards.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 202

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$27,303.

Program Progress Summary: Through this reporting period 1,512 customers have participated.

### Program Description and Progress

Program Title: Industrial Load Management (GSLM 2&3)

Program Description: This load management program is for large industrial customers with interruptible loads of 500 kW or greater.

Program Accomplishments: January 1, 2017 to December 31, 2017

Net new customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$16,969,855.

Program Progress Summary: This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999.

Beginning May 2009, Tampa Electric transferred existing IS (non-firm) customers to a new IS (firm) rate schedule. These customers are now incented under GSLM-2 or GSLM-3 rate riders with expenses recovered through the ECCR clause.

## Program Description and Progress

Program Title: Lighting Conditioned Space

Program Description: The Lighting Conditioned Space Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient lighting technology and systems within conditioned space to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying conditioned spaces lighting systems.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 228

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$459,378.

Program Progress Summary: Through this reporting period 2,172 customers have participated.

## Program Description and Progress

Program Title: Lighting Non-Conditioned Space

Program Description: The Lighting Non-Conditioned Space Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient outdoor lighting technology and systems or in non-conditioned spaces to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying non-conditioned spaces lighting systems.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 338

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$231,690.

Program Progress Summary: Through this reporting period 551 customers have participated.

## Program Description and Progress

Program Title: Lighting Occupancy Sensors

Program Description: The Lighting Occupancy Sensors Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing lighting occupancy sensors to efficiently control lighting systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying occupancy sensors for lighting systems.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 4

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$22,267.

Program Progress Summary: Through this reporting period 216 customers have participated.

## Program Description and Progress

Program Title: Commercial Load Management

Program Description: The Commercial Load Management Program is intended to help alter Tampa Electric's system load curve by reducing summer and winter demand peaks. The goal is to offer customer incentives for allowing the installation and control of load management control equipment on specific technologies to reduce Tampa Electric's weather sensitive peak demand. Customers that participate in this program choose whether to have the technology controlled either interrupted for the entire control period or cycled during the control period. Tampa Electric will provide a monthly incentive credit to customers participating in this program.

Program Accomplishments: January 1, 2017 to December 31, 2017

Net new customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$7,125.

Program Progress Summary: Through this reporting period there are six participating customers on cyclic control and zero customers on extended control.



## Program Description and Progress

Program Title: Refrigeration Anti-Condensate Control

Program Description: The Refrigeration Anti-Condensate Control Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient anti-condensate control technology for their refrigerated door heaters to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying anti-condensate control systems.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$254.

Program Progress Summary: Through this reporting period zero customers have participated. Expenses incurred were associated with administration and participation protocols.

## Program Description and Progress

Program Title: Standby Generator

Program Description: The Standby Generator Program is designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand. Tampa Electric provides the participating customers a 30-minute notice that their generation will be required. This allows customers time to start generators and arrange for orderly transfer of load. Tampa Electric meters and issues monthly credits for that portion of the generator's output that could serve normal building load after the notification time. Normal building load is defined as load (type, amount and time duration) that would have been served by Tampa Electric if the emergency generator did not operate. Under no circumstances will the generator deliver power to Tampa Electric's grid. Under the Environmental Protection Agency's rules, Tampa Electric classifies the Standby Generator Program as a non-emergency program.

Program Accomplishments: January 1, 2017 to December 31, 2017

Net new customers participating: 6

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$2,983,804.

Program Progress Summary: Through this reporting period there are 94 participating customers.

## Program Description and Progress

Program Title: Thermal Energy Storage

Program Description: The Commercial TES Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing off-peak air conditioning systems to help reduce their demand while reducing Tampa Electric's weather sensitive peak demand. Tampa Electric will provide a rebate to customers who install qualifying TES systems.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 1

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$11,659.

Program Progress Summary: Through this reporting period one customer has participated.

## Program Description and Progress

Program Title: Commercial Wall Insulation

Program Description: The Commercial Wall Insulation Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing wall insulation to help reduce their energy consumption and demand while reducing Tampa Electric's weather sensitive peak demand. Wall insulation is designed to reduce demand and energy by decreasing the load on commercial/industrial HVAC equipment. Qualifying structures are eligible for a rebate based upon the total square footage of insulation installed in exterior walls adjacent to conditioned spaces. Certificates for participation will be issued through energy audits or by direct evaluation of the current building envelope.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$104.

Program Progress Summary: Through this reporting period two customers have participated.

## Program Description and Progress

Program Title: Commercial Water Heating

Program Description: The Commercial Water Heating Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient water heating systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying water heating systems.

Program Accomplishments: January 1, 2017 to December 31, 2017

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$252.

Program Progress Summary: Through this reporting period zero customers have participated.

## Program Description and Progress

- Program Title: DSM Research and Development (R&D)
- Program Description: This program is in response to Rule 25-17.001 (5) (f), F.A.C., that requires aggressive R&D projects be "...an ongoing part of the practice of every well managed utility's programs." It is also in support of FPSC Order No. 22176 dated November 14, 1989, requiring utilities to "...pursue research, development, and demonstration projects designed to promote energy efficiency and conservation." R&D activity will be conducted on proposed measures to determine the impact to the company and its ratepayers and may occur at customer premises, Tampa Electric facilities or at independent test sites. Tampa Electric will report program progress through the annual ECCR True-Up filing and as communicated to the commission the company will also provide the results of R&D activities in the company's annual DSM Report.
- Program Accomplishments: January 1, 2017 to December 31, 2017  
See Program Progress Summary below.
- Program Fiscal Expenditures: January 1, 2017 to December 31, 2017  
Actual expenses were \$61,518.
- Program Progress Summary: For 2017, Tampa Electric continued exploring several R&D projects. These projects were: partnering with the University of South Florida on Battery Storage and Electric Vehicles, incorporation of heat pump water heaters within the Energy Planner program; and studying the potential for a Low Income Commercial Weatherization program.

## Program Description and Progress

Program Title: Renewable Energy Program

Program Description: This program provides customers with the option to purchase 200 kWh blocks of renewable energy for five dollars per block to assist in the delivery of renewable energy to the company's grid system. This specific effort provides funding for renewable energy procurement, program administration, evaluation and market research.

Program Accomplishments: January 1, 2017 to December 31, 2017

Year-end customers participating:	1,600
Number of net customers participating:	-149
Blocks of energy purchased:	2,374
One-time blocks of energy sold:	202

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$28,949.  
Actual program revenues were \$153,385.

Program Progress Summary: Through this reporting period 43,365 monthly and one-time blocks of renewable energy have been purchased.

### Program Description and Progress

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2017 to December 31, 2017

N/A

Program Fiscal Expenditures: January 1, 2017 to December 31, 2017

Actual expenses were \$804,197.

Program Progress Summary: N/A



CONSERVATION COSTS  
PROJECTED

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FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET: 20180002-EG EXHIBIT: 15  
PARTY: TAMPA ELECTRIC COMPANY  
(TECO) - (DIRECT)  
DESCRIPTION: Mark R. Roche MRR-2

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2019 THROUGH DECEMBER 2019  
 Projected

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13% Avg Demand Factor (%)
RS	53.88%	9,382,624	1,988	1.08036	1.05201	9,870,588	2,148	48.30%	57.04%	56.37%
GS,TS	65.19%	955,831	167	1.08036	1.05199	1,005,526	181	4.92%	4.81%	4.82%
GSD Optional	3.72%	401,209	60	1.07581	1.04842	420,635	65	2.06%	1.73%	1.76%
GSD, SBF Standard	72.02%	7,769,102	1,171	1.07581	1.04842	8,145,268	1,260	39.85%	33.47%	33.96%
IS	90.33%	800,071	101	1.02952	1.01769	814,225	104	3.98%	2.76%	2.85%
LS1	305.67%	173,595	6	1.08036	1.05201	182,623	7	0.89%	0.19%	0.24%
TOTAL		19,482,432	3,494			20,438,865	3,765	100%	100%	100%

- (1) AVG 12 CP load factor based on projected 2018 calendar data.
- (2) Projected MWH sales for the period Jan. 2019 thru Dec. 2019
- (3) Calculated: Col (2) / (8760\*Col (1)).
- (4) Based on 2018 projected demand losses.
- (5) Based on 2018 projected energy losses.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col (7) / total for Col (7).
- (10) Col (8) \* 0.0769 + Col (9) \* 0.9231

C-1  
 Page 1 of 1

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 For Months January 2019 through December 2019

1. Total Incremental Cost (C-2, Page 1, Line 17)	51,672,575
2. Demand Related Incremental Costs	27,074,648
3. Energy Related Incremental Costs	24,597,927

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,CS</u>	<u>GSD, SBF STANDARD</u>	<u>GSD OPTIONAL</u>	<u>IS</u>	<u>LS1</u>	<u>Total</u>
4. Demand Allocation Percentage	56.37%	4.82%	33.96%	1.76%	2.85%	0.24%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	15,261,979	1,304,998	9,194,550	476,514	771,627	64,979	<u>27,074,648</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>1,926,714</u>	<u>164,746</u>	<u>1,160,745</u>	<u>60,156</u>	<u>97,412</u>	<u>8,203</u>	<u>3,417,977</u>
7. Total Demand Related Incremental Costs	<u>17,188,693</u>	<u>1,469,745</u>	<u>10,355,295</u>	<u>536,670</u>	<u>869,040</u>	<u>73,182</u>	<u>30,492,625</u>
8. Energy Allocation Percentage	48.30%	4.92%	39.85%	2.06%	3.98%	0.89%	100.00%
9. Net Energy Related Incremental Costs	11,880,799	1,210,218	9,802,274	506,717	978,997	218,922	<u>24,597,927</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>1,055,483</u>	<u>107,515</u>	<u>870,828</u>	<u>45,016</u>	<u>86,974</u>	<u>19,449</u>	<u>2,185,264</u>
11. Total Net Energy Related Incremental Costs	<u>12,936,281</u>	<u>1,317,733</u>	<u>10,673,102</u>	<u>551,734</u>	<u>1,065,971</u>	<u>238,370</u>	<u>26,783,191</u>
12. Total Incremental Costs (Line 5 + 9)	27,142,778	2,515,216	18,996,824	983,231	1,750,625	283,901	51,672,575
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>2,982,196</u>	<u>272,261</u>	<u>2,031,573</u>	<u>105,173</u>	<u>184,386</u>	<u>27,652</u>	<u>5,603,241</u>
14. Total (Line 12 + 13)	<u>30,124,974</u>	<u>2,787,478</u>	<u>21,028,397</u>	<u>1,088,404</u>	<u>1,935,011</u>	<u>311,553</u>	<u>57,275,816</u>
15. Retail MWH Sales	9,382,624	955,831	7,769,102	401,209	800,071	173,595	19,482,432
16. Effective MWH at Secondary	9,382,624	955,831	7,769,102	401,209	800,071	173,595	19,482,432
17. Projected Billed KW at Meter	*	*	18,062,791	*	2,059,387	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.32107	0.29163	*	0.27128	*	0.17947	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.3213	0.2918	*	0.2715	*	0.1796	
21. Conservation Adjustment Factor (cents/KWH)							
<b><u>RS, GS, CS, GSD Optional and LS1 Rates (cents/KWH) *</u></b>							
- Secondary	<u>0.321</u>	<u>0.292</u>		<u>0.272</u>		<u>0.180</u>	
- Primary				<u>0.269</u>			
- Subtransmission				<u>0.267</u>			
<b><u>GSD, SBF, IS Standard Rates (\$/KW) *</u></b>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>1.17</u>	*	<u>0.94</u>	*	
- Primary	*	*	<u>1.15</u>	*	<u>0.93</u>	*	
- Subtransmission	*	*	<u>1.14</u>	*	<u>0.92</u>	*	

\* (ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY  
Conservation Program Costs  
Estimated For Months January 2019 through December 2019  
ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
12000359 Residential Walk-Through Energy Audit	198,535	165,139	162,239	184,389	211,255	168,979	177,874	177,186	175,918	174,832	163,871	197,838	2,158,055
12000353 - 12000355 Residential Customer Assisted Audit	5,636	930	930	930	930	930	395,930	930	930	930	930	930	410,866
12000357, 12000369 Residential Computer Assisted Audit	827	0	827	0	827	1,127	0	827	0	827	0	827	6,086
12000381 Residential Ceiling Insulation	22,579	23,279	23,029	23,079	26,434	26,401	27,697	26,434	22,332	20,020	20,020	20,020	281,324
12000391 Residential Duct Repair	17,709	17,309	17,959	30,731	30,731	15,627	15,577	15,577	16,627	34,194	15,627	12,216	239,884
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0	267	0	267
12000375 Energy Education, Awareness and Agency Outreach	15,182	15,173	15,265	14,256	14,147	14,138	14,129	15,221	15,212	15,103	14,093	14,084	176,003
12004152 Energy Star Multi-Family	0	0	0	0	0	0	0	98,348	0	0	98,348	0	196,696
12000431 Energy Star for New Homes	130,610	130,610	130,610	132,173	130,610	130,610	130,610	130,610	133,410	131,310	131,410	130,610	1,573,183
12000349 Residential Heating and Cooling	40,758	40,308	41,008	40,308	51,089	54,661	58,233	54,661	52,106	43,912	40,308	41,103	558,455
12000425 Neighborhood Weatherization	494,087	495,244	493,876	497,301	493,876	493,801	493,876	493,801	494,471	494,396	494,471	494,396	5,933,596
12000433 Energy Planner	401,164	291,718	290,705	292,096	290,560	289,072	290,829	285,744	285,509	289,571	280,759	279,730	3,567,457
12000385 Residential Wall Insulation	141	0	141	0	141	0	141	0	174	0	141	0	879
12000367 Residential Window Replacement	62,608	62,158	62,858	62,158	62,158	62,158	62,158	62,158	62,608	62,158	62,158	62,158	747,496
12000351 Prime Time	2,929	2,929	2,929	2,929	2,929	2,929	2,929	2,929	2,929	2,929	2,929	2,929	35,148
12000363 Commercial/Industrial Audit (Free)	33,727	35,100	37,177	32,464	34,064	37,200	32,874	34,251	34,738	36,338	34,238	33,638	415,809
12000361 Comprehensive Commercial/Industrial Audit (Paid)	488	488	1,068	488	1,068	1,068	1,568	1,568	488	488	1,068	568	10,416
12000397 Commercial Ceiling Insulation	2,295	0	1,172	0	1,172	0	1,172	0	2,295	0	1,172	0	9,278
12000411 Commercial Chiller	3,747	0	3,747	3,747	3,747	3,747	0	3,747	3,747	3,747	0	0	29,976
12000371 Cogeneration	5,871	5,284	5,481	5,678	5,876	5,290	5,878	5,681	5,485	5,878	5,485	5,681	67,568
12000389 Conservation Value	841	81,867	841	841	841	841	0	0	0	0	0	51,867	137,939
12000443 Cool Roof	24,575	14,575	34,575	34,575	24,575	14,575	14,575	14,575	14,575	24,575	24,575	14,575	254,900
12000429 Commercial Cooling	467	0	0	467	0	0	467	467	0	0	0	437	2,305
12000409 Demand Response	334,683	331,815	331,815	334,683	331,815	331,815	333,183	332,815	333,315	333,183	331,815	331,815	3,992,752
12000377 Commercial Duct Repair	797	398	797	797	398	797	797	398	797	797	398	797	7,968
12000441 Commercial ECM	1,565	587	587	587	587	1,629	587	587	1,629	587	587	1,674	11,193
12000379 Industrial Load Management (GSLM 2&3)	1,405,176	1,405,177	1,405,178	1,405,180	1,405,181	1,405,183	1,405,183	1,405,183	1,405,183	1,405,183	1,405,183	1,405,183	16,862,173
12004386 LED Street and Outdoor Conversion Program	708,275	708,275	708,275	708,275	708,275	708,275	708,275	708,275	708,275	708,275	708,275	708,275	8,499,297
12000385 Lighting Conditioned Space	31,972	41,525	31,972	12,866	23,419	22,419	12,866	22,419	32,472	31,972	13,366	31,972	309,240
12003201 Lighting Non-Conditioned Space	18,598	22,419	18,598	18,598	23,419	12,866	12,866	22,419	19,098	12,866	13,366	18,598	213,711
12000413 Lighting Occupancy Sensors	1,648	96	96	872	1,648	872	872	1,648	872	872	96	872	10,464
12000383 CILM (GSLM 1)	513	512	512	1,509	1,508	1,507	1,507	1,505	1,504	1,503	504	503	13,087
12000415 Refrigeration Anti-condensate Control	1,748	0	0	0	0	0	1,748	0	0	0	0	0	3,496
12000387 Standby Generator	318,797	317,797	317,797	346,547	344,547	344,547	344,547	344,547	344,547	344,547	344,547	344,547	4,057,314
12003202 Thermal Energy Storage	137	137	137	41,384	779	137	81,976	779	137	878	81,976	137	208,594
12000399 Commercial Wall Insulation	0	0	0	0	0	2,221	0	0	0	0	0	0	2,221
12000417 Commercial Water Heating	2,196	0	0	0	2,196	0	0	0	0	0	0	2,196	6,588
12000427 Conservation Research and Development	2,197	0	0	0	2,197	0	0	0	0	0	0	2,197	6,591
12000393 Renewable Energy Program	(6,377)	(11,377)	(10,127)	(11,377)	100,623	(11,377)	(11,377)	(11,377)	(11,377)	(11,377)	(11,377)	(6,377)	(13,276)
12000347 Common Expenses	54,324	51,690	55,547	53,648	55,547	54,791	53,474	55,547	56,214	56,283	54,231	53,004	654,300
<b>Total All Programs</b>	<b>4,341,024</b>	<b>4,251,162</b>	<b>4,187,620</b>	<b>4,272,179</b>	<b>4,389,168</b>	<b>4,198,835</b>	<b>4,673,021</b>	<b>4,309,459</b>	<b>4,216,220</b>	<b>4,226,776</b>	<b>4,334,837</b>	<b>4,258,999</b>	<b>51,659,299</b>
<b>Less Renewable Energy Expenses</b>	<b>(6,377)</b>	<b>(11,377)</b>	<b>(10,127)</b>	<b>(11,377)</b>	<b>100,623</b>	<b>(11,377)</b>	<b>(11,377)</b>	<b>(11,377)</b>	<b>(11,377)</b>	<b>(11,377)</b>	<b>(11,377)</b>	<b>(6,377)</b>	<b>(13,276)</b>
<b>Total Recoverable Conservation Expenses</b>	<b>4,347,401</b>	<b>4,262,539</b>	<b>4,197,747</b>	<b>4,283,556</b>	<b>4,288,545</b>	<b>4,210,212</b>	<b>4,684,398</b>	<b>4,320,836</b>	<b>4,227,597</b>	<b>4,238,153</b>	<b>4,348,214</b>	<b>4,265,376</b>	<b>51,672,575</b>
<b>Summary of Demand &amp; Energy</b>													
Energy	2,056,460	2,021,228	1,956,263	2,008,459	2,129,036	1,940,922	2,413,520	2,051,834	1,957,880	1,966,504	2,082,364	2,006,556	24,597,927
Demand	2,290,941	2,229,934	2,231,357	2,263,720	2,260,132	2,257,913	2,259,501	2,257,625	2,258,340	2,260,272	2,252,473	2,252,443	27,074,648
Total Recoverable Conserv. Expenses	4,347,401	4,251,162	4,187,620	4,272,179	4,389,168	4,198,835	4,673,021	4,309,459	4,216,220	4,226,776	4,334,837	4,258,999	51,672,575

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ECCR 2019 PROJECTION  
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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated For Months January 2019 through December 2019

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
12000369 Residential Walk-Through Energy Audit	0	1,496,432	6,000	0	501,082	0	122,800	31,741	0	2,158,055
12000365 Residential Customer Assisted Audit	0	15,866	0	0	0	0	0	395,000	0	410,866
12000357, 12000368 Residential Computer Assisted Audit	0	5,936	0	0	0	0	0	300	(150)	6,086
12000381 Residential Ceiling Insulation	0	90,524	0	0	0	0	480	190,320	0	281,324
12000391 Residential Duct Repair	0	69,715	0	0	0	0	1,095	2,570	0	239,884
12000419 Residential Electronically Commutated Motors	0	47	0	105	0	115	0	0	0	267
12000375 Energy Education, Awareness and Agency Outreach	21,955	121,188	4,000	15,660	0	0	2,400	10,800	0	176,003
12004152 Energy Star Multi-Family	0	1,696	0	0	0	195,000	0	0	0	196,696
12000431 Energy Star for New Homes	0	36,780	0	0	1,563	1,530,000	300	4,540	0	1,573,183
12000349 Residential Heating and Cooling	0	82,600	0	0	0	472,500	120	3,235	0	558,455
12000425 Neighborhood Weatherization	0	355,522	349,560	1,050,000	0	4,166,924	6,000	5,690	0	5,933,596
12000433 Energy Planner	1,197,732	1,155,336	18,650	599,340	363,000	0	51,264	182,135	0	3,567,457
12000365 Residential Wall Insulation	0	219	0	0	0	660	0	0	0	879
12000367 Residential Window Replacement	0	63,216	0	0	0	682,200	240	1,840	0	747,496
12000351 Prime Time	0	16,248	0	18,000	0	0	0	900	0	35,148
12000363 Commercial/Industrial Audit (Free)	0	386,736	3,200	0	5,200	0	4,173	16,500	0	415,809
12000361 Comprehensive Commercial/Industrial Audit (Paid)	0	6,156	0	4,000	0	0	560	0	(300)	10,416
12000397 Commercial Ceiling Insulation	0	1,778	0	0	0	7,200	300	0	0	9,278
12000411 Commercial Chiller	0	1,776	0	0	0	28,000	200	0	0	29,976
12000371 Cogeneration	0	67,568	0	0	0	0	0	0	0	67,568
12000389 Conservation Value	0	3,970	0	3,794	0	130,000	175	0	0	137,939
12000443 Cool Roof	0	54,300	0	0	0	200,000	600	0	0	254,900
12000429 Commercial Cooling	0	1,080	0	0	0	1,100	125	0	0	2,305
12000409 Demand Response	0	26,952	0	0	0	3,960,000	300	5,500	0	3,992,752
12000377 Commercial Duct Repair	0	1,968	0	0	0	6,000	0	0	0	7,968
12000441 Commercial ECM	0	2,693	0	0	0	8,400	100	0	0	11,193
12000379 Industrial Load Management (GSLM 283)	0	37,873	0	0	0	16,824,000	300	0	0	16,862,173
12004386 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	8,914,040	(414,743)	8,499,297
12000385 Lighting Conditioned Space	0	68,340	0	0	0	298,000	600	2,300	0	309,240
12003201 Lighting Non-Conditioned Space	0	57,811	0	0	0	153,000	600	2,300	0	213,711
12000413 Lighting Occupancy Sensors	0	2,064	0	0	0	8,400	0	0	0	10,464
12000383 GLM (GSLM 1)	2,518	816	0	2,760	0	6,993	0	0	0	13,087
12000415 Refrigeration Anti-condensate Control	0	446	0	0	0	3,000	50	0	0	3,496
12000387 Standby Generator	0	53,364	6,000	94,800	0	3,900,150	0	3,000	0	4,057,314
12003202 Thermal Energy Storage	0	5,235	0	2,960	0	200,000	300	99	0	208,594
12000399 Commercial Wall Insulation	0	171	0	0	0	2,000	50	0	0	2,221
12000417 Commercial Water Heating	0	513	0	0	0	6,000	75	0	0	6,588
12000427 Conservation Research and Development	0	516	0	0	0	0	0	6,075	0	6,591
12000393 Renewable Energy Program	0	22,980	0	122,000	0	0	0	1,250	(158,506)	(13,276)
12000347 Common Expenses	0	525,240	0	50,040	0	0	0	79,020	0	654,300
Total All Programs	<u>1,222,205</u>	<u>4,541,671</u>	<u>387,410</u>	<u>1,963,459</u>	<u>870,845</u>	<u>32,896,046</u>	<u>193,207</u>	<u>9,859,155</u>	<u>(574,699)</u>	<u>51,659,999</u>
Less Renewable Energy Expenses	<u>0</u>	<u>22,980</u>	<u>0</u>	<u>122,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,250</u>	<u>(158,506)</u>	<u>(13,276)</u>
Total Recoverable Conservation Expenses	<u>1,222,205</u>	<u>4,518,691</u>	<u>387,410</u>	<u>1,841,459</u>	<u>870,845</u>	<u>32,896,046</u>	<u>193,207</u>	<u>9,857,905</u>	<u>(416,193)</u>	<u>51,672,975</u>

Summary of Demand & Energy

Energy	620,821	3,842,892	372,085	1,401,209	689,345	8,204,903	166,975	9,714,890	(415,193)	24,597,927
Demand	601,384	975,799	15,325	440,250	181,500	24,691,143	26,232	143,015	0	27,074,648
Total All Programs	<u>1,222,205</u>	<u>4,818,691</u>	<u>387,410</u>	<u>1,841,459</u>	<u>870,845</u>	<u>32,896,046</u>	<u>193,207</u>	<u>9,857,905</u>	<u>(416,193)</u>	<u>51,672,975</u>

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated For Months January 2019 through December 2019

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		91,400	91,400	91,400	91,400	91,400	91,400	91,400	91,400	91,400	91,400	91,400	91,400	1,096,800
2. Retirements		159,812	169,050	135,859	148,364	142,669	146,144	165,277	181,969	223,428	183,174	183,702	119,667	1,959,114
3. Depreciation Base		5,509,595	5,431,945	5,387,486	5,330,522	5,279,253	5,224,509	5,150,632	5,060,063	4,928,035	4,836,261	4,743,959	4,715,692	
4. Depreciation Expense		<u>92,397</u>	<u>91,179</u>	<u>90,162</u>	<u>89,317</u>	<u>88,415</u>	<u>87,531</u>	<u>86,460</u>	<u>85,089</u>	<u>83,234</u>	<u>81,369</u>	<u>79,835</u>	<u>78,830</u>	<u>1,033,818</u>
5. Cumulative Investment	5,578,007	5,509,595	5,431,945	5,387,486	5,330,522	5,279,253	5,224,509	5,150,632	5,060,063	4,928,035	4,836,261	4,743,959	4,715,692	4,715,692
6. Less: Accumulated Depreciation	3,414,744	<u>3,347,329</u>	<u>3,269,458</u>	<u>3,223,761</u>	<u>3,164,714</u>	<u>3,110,460</u>	<u>3,051,847</u>	<u>2,973,030</u>	<u>2,876,150</u>	<u>2,735,956</u>	<u>2,634,151</u>	<u>2,530,284</u>	<u>2,489,447</u>	<u>2,489,447</u>
7. Net Investment	<u>2,163,263</u>	<u>2,162,266</u>	<u>2,162,487</u>	<u>2,163,725</u>	<u>2,165,808</u>	<u>2,168,793</u>	<u>2,172,662</u>	<u>2,177,602</u>	<u>2,183,913</u>	<u>2,192,079</u>	<u>2,202,110</u>	<u>2,213,675</u>	<u>2,226,245</u>	<u>2,226,245</u>
8. Average Investment		2,162,765	2,162,377	2,163,106	2,164,767	2,167,301	2,170,728	2,175,132	2,180,758	2,187,996	2,197,095	2,207,893	2,219,960	
9. Return on Average Investment - Equity Component		10,462	10,460	10,463	10,471	10,484	10,500	10,521	10,549	10,584	10,628	10,680	10,738	126,540
10. Return on Average Investment - Debt Component		<u>3,090</u>	<u>3,089</u>	<u>3,090</u>	<u>3,093</u>	<u>3,096</u>	<u>3,101</u>	<u>3,108</u>	<u>3,116</u>	<u>3,126</u>	<u>3,139</u>	<u>3,154</u>	<u>3,172</u>	<u>37,374</u>
11. Total Depreciation and Return		<u>105,949</u>	<u>104,728</u>	<u>103,715</u>	<u>102,881</u>	<u>101,995</u>	<u>101,132</u>	<u>100,089</u>	<u>98,754</u>	<u>96,944</u>	<u>95,136</u>	<u>93,669</u>	<u>92,740</u>	<u>1,197,732</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.8046% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7144% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated For Months January 2019 through December 2019

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.8046% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7144% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2019 through December 2019

ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	
4. Depreciation Expense		<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>16,872</u>
5. Cumulative Investment	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364	84,364
6. Less: Accumulated Depreciation	8,357	<u>9,763</u>	<u>11,169</u>	<u>12,575</u>	<u>13,981</u>	<u>15,387</u>	<u>16,793</u>	<u>18,199</u>	<u>19,605</u>	<u>21,011</u>	<u>22,417</u>	<u>23,823</u>	<u>25,229</u>	<u>25,229</u>
7. Net Investment	<u>76,007</u>	<u>74,601</u>	<u>73,195</u>	<u>71,789</u>	<u>70,383</u>	<u>68,977</u>	<u>67,571</u>	<u>66,165</u>	<u>64,759</u>	<u>63,353</u>	<u>61,947</u>	<u>60,541</u>	<u>59,135</u>	<u>59,135</u>
8. Average Investment		75,304	73,898	72,492	71,086	69,680	68,274	66,868	65,462	64,056	62,650	61,244	59,838	
9. Return on Average Investment - Equity Component		364	357	351	344	337	330	323	317	310	303	296	289	3,921
10. Return on Average Investment - Debt Component		<u>108</u>	<u>106</u>	<u>104</u>	<u>102</u>	<u>100</u>	<u>98</u>	<u>96</u>	<u>94</u>	<u>92</u>	<u>90</u>	<u>87</u>	<u>85</u>	<u>1,162</u>
11. Total Depreciation and Return		<u>1,878</u>	<u>1,869</u>	<u>1,861</u>	<u>1,852</u>	<u>1,843</u>	<u>1,834</u>	<u>1,825</u>	<u>1,817</u>	<u>1,808</u>	<u>1,799</u>	<u>1,789</u>	<u>1,780</u>	<u>21,955</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.8046% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7144% x 1/12 (Jan-Dec).



TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated For Months January 2019 through December 2019

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	
4. Depreciation Expense		<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>158</u>	<u>1,896</u>
5. Cumulative Investment	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452	9,452
6. Less: Accumulated Depreciation	237	<u>395</u>	<u>553</u>	<u>711</u>	<u>869</u>	<u>1,027</u>	<u>1,185</u>	<u>1,343</u>	<u>1,501</u>	<u>1,659</u>	<u>1,817</u>	<u>1,975</u>	<u>2,133</u>	<u>2,133</u>
7. Net Investment	<u>9,215</u>	<u>9,057</u>	<u>8,899</u>	<u>8,741</u>	<u>8,583</u>	<u>8,425</u>	<u>8,267</u>	<u>8,109</u>	<u>7,951</u>	<u>7,793</u>	<u>7,635</u>	<u>7,477</u>	<u>7,319</u>	<u>7,319</u>
8. Average Investment		9,136	8,978	8,820	8,662	8,504	8,346	8,188	8,030	7,872	7,714	7,556	7,398	
9. Return on Average Investment - Equity Component		44	43	43	42	41	40	40	39	38	37	37	36	480
10. Return on Average Investment - Debt Component		<u>13</u>	<u>13</u>	<u>13</u>	<u>12</u>	<u>12</u>	<u>12</u>	<u>12</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>142</u>
11. Total Depreciation and Return		<u>215</u>	<u>214</u>	<u>214</u>	<u>212</u>	<u>211</u>	<u>210</u>	<u>210</u>	<u>208</u>	<u>207</u>	<u>206</u>	<u>206</u>	<u>205</u>	<u>2,518</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.8046% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7144% x 1/12 (Jan-Dec).

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2018 through June 2018  
 Projected for Months July 2018 through December 2018

Program Name		Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
2	12000359 Residential Walk-Through Energy Audit	0	614,483	1,847	390	196,387	0	36,791	10,959	0	860,857
3	Actual	0	<u>746,834</u>	<u>2,500</u>	0	<u>295,707</u>	0	<u>61,200</u>	<u>19,406</u>	0	<u>1,125,647</u>
4	Projected	0	1,361,317	4,347	390	492,094	0	97,991	30,365	0	1,986,504
2	12000353-12000355 Residential Customer Assisted Audit	0	69,504	17,695	169,117	0	0	0	213	0	256,529
3	Actual	0	<u>25,882</u>	0	<u>468,000</u>	0	0	0	0	0	<u>493,882</u>
4	Projected	0	95,386	17,695	637,117	0	0	0	213	0	750,411
2	12000357, 12000369 Residential Computer Assisted Audit	0	1,236	0	0	0	0	0	0	0	1,236
3	Actual	0	<u>1,642</u>	0	0	0	0	0	0	(105)	<u>1,537</u>
4	Projected	0	2,878	0	0	0	0	0	0	(105)	2,773
6	12000381 Residential Ceiling Insulation	0	41,417	197	0	0	72,819	858	1,685	0	116,976
7	Actual	0	<u>44,142</u>	<u>200</u>	0	0	<u>90,000</u>	<u>300</u>	<u>1,210</u>	0	<u>135,652</u>
8	Projected	0	85,559	397	0	0	162,819	1,158	2,895	0	252,828
10	12000391 Residential Duct Repair	0	28,259	197	0	0	169,984	1,082	1,504	0	201,026
11	Actual	0	<u>33,711</u>	<u>200</u>	0	0	<u>106,875</u>	<u>300</u>	<u>1,310</u>	0	<u>142,396</u>
12	Projected	0	61,970	397	0	0	276,859	1,382	2,814	0	343,422
14	12000419 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0
15	Actual	0	7	0	105	0	115	0	0	0	<u>227</u>
16	Projected	0	7	0	105	0	115	0	0	0	227
18	12000375 Energy Education, Awareness and Agency Outreach	2,853	15,217	1,448	80,280	0	0	535	8,017	0	108,350
19	Actual	<u>7,936</u>	<u>39,670</u>	<u>2,200</u>	<u>1,344</u>	0	0	<u>600</u>	<u>6,180</u>	0	<u>58,130</u>
20	Projected	10,789	55,087	3,648	81,624	0	0	1,135	14,197	0	166,480
22	12004152 Energy Star Multi-Family	0	0	0	0	782	0	35	273	0	1,090
23	Actual	0	<u>848</u>	0	0	0	<u>97,500</u>	0	0	0	<u>98,348</u>
24	Projected	0	848	0	0	782	97,500	35	273	0	99,438
26	12000431 Energy Star for New Homes	0	15,942	0	0	782	430,100	61	883	0	447,768
27	Actual	0	<u>18,071</u>	0	0	0	<u>433,500</u>	<u>180</u>	<u>2,720</u>	0	<u>452,471</u>
28	Projected	0	32,013	0	0	782	863,600	241	3,603	0	900,239
26	12000349 Residential Heating and Cooling	0	42,519	0	0	0	216,945	45	1,876	0	261,385
27	Actual	0	<u>42,258</u>	0	0	0	<u>222,750</u>	<u>150</u>	<u>2,265</u>	0	<u>267,423</u>
28	Projected	0	84,777	0	0	0	439,695	195	4,141	0	528,808
30	12000425 Neighborhood Weatherization	0	94,048	142,356	359,375	0	1,364,417	4,599	186	0	1,964,981
31	Actual	0	<u>153,648</u>	<u>157,530</u>	<u>442,125</u>	0	<u>2,123,888</u>	<u>600</u>	<u>1,020</u>	0	<u>2,878,811</u>
32	Projected	0	247,696	299,886	801,500	0	3,488,305	5,199	1,206	0	4,843,792
34	12000433 Energy Planner	674,312	460,619	112,732	305,683	148,426	0	25,512	54,108	0	1,781,392
35	Actual	<u>653,997</u>	<u>468,276</u>	<u>7,175</u>	<u>244,936</u>	<u>260,707</u>	0	<u>25,632</u>	<u>92,753</u>	0	<u>1,753,476</u>
36	Projected	1,328,309	928,895	119,907	550,619	409,133	0	51,144	146,861	0	3,534,868
38	12000365 Residential Wall Insulation	0	0	0	0	0	0	0	0	0	0
39	Actual	0	<u>124</u>	0	0	0	<u>330</u>	0	0	0	<u>454</u>
40	Projected	0	124	0	0	0	330	0	0	0	454
42	12000367 Residential Window Replacement	0	48,824	0	0	0	328,724	100	1,271	0	378,919
43	Actual	0	<u>29,073</u>	0	0	0	<u>293,725</u>	<u>120</u>	<u>570</u>	0	<u>323,488</u>
44	Projected	0	77,897	0	0	0	622,449	220	1,841	0	702,407
54	12000351 Prime Time	0	3,632	0	4,389	0	0	0	0	0	8,021
55	Actual	0	<u>7,758</u>	0	<u>9,000</u>	0	0	0	<u>450</u>	0	<u>17,208</u>
56	Projected	0	11,390	0	13,389	0	0	0	450	0	25,229
54	12000363 Commercial/Industrial Audit (Free)	0	126,158	770	0	0	0	743	3,173	0	130,844
55	Actual	0	<u>205,266</u>	<u>1,000</u>	0	<u>2,600</u>	0	<u>5,460</u>	<u>3,300</u>	0	<u>217,626</u>
56	Projected	0	331,424	1,770	0	2,600	0	6,203	6,473	0	348,470
54	12000361 Comprehensive Commercial/Industrial Audit (Paid)	0	688	0	0	0	0	37	0	0	725
55	Actual	0	<u>1,368</u>	0	<u>1,000</u>	0	0	<u>80</u>	0	(200)	<u>2,248</u>
56	Projected	0	2,056	0	1,000	0	0	117	0	(200)	2,973
58	12000397 Commercial Ceiling Insulation	0	3,834	0	0	0	3,657	55	0	0	7,546
59	Actual	0	<u>444</u>	0	0	0	<u>1,800</u>	<u>100</u>	0	0	<u>2,344</u>
60	Projected	0	4,278	0	0	0	5,457	155	0	0	9,890
62	12000411 Commercial Chiller	0	241	0	0	0	0	0	0	0	241
63	Actual	0	<u>615</u>	0	0	0	<u>10,500</u>	<u>100</u>	0	0	<u>11,215</u>
64	Projected	0	856	0	0	0	10,500	100	0	0	11,456
66	12000371 Cogeneration	0	31,721	0	0	0	0	29	0	0	31,750
67	Actual	0	<u>33,144</u>	0	0	0	0	0	0	0	<u>33,144</u>
68	Projected	0	64,865	0	0	0	0	29	0	0	64,894
70	12000389 Conservation Value	0	0	0	0	0	0	0	0	0	0
71	Actual	0	<u>2,670</u>	0	<u>542</u>	0	<u>50,000</u>	<u>25</u>	0	0	<u>53,237</u>
72	Projected	0	2,670	0	542	0	50,000	25	0	0	53,237
74	12000443 Cool Roof	0	12,284	0	0	0	89,413	49	4	0	101,750

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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
75	Projected	0	10,280	0	0	0	80,000	300	0	0	90,580
76	Total	0	22,564	0	0	0	169,413	349	4	0	192,330
12000429 Commercial Cooling											
78	Actual	0	536	0	0	0	4,532	0	0	0	5,068
79	Projected	0	593	0	0	0	480	75	0	0	1,148
80	Total	0	1,129	0	0	0	5,012	75	0	0	6,216
12000409 Demand Response											
82	Actual	0	12,196	0	0	0	1,604,116	14	781	0	1,617,107
83	Projected	0	10,740	0	0	0	1,980,000	300	3,000	0	1,994,040
84	Total	0	22,936	0	0	0	3,584,116	314	3,781	0	3,611,147
12000377 Commercial Duct Repair											
86	Actual	0	92	0	0	0	750	2	0	0	844
87	Projected	0	915	0	0	0	1,500	0	0	0	2,415
88	Total	0	1,007	0	0	0	2,250	2	0	0	3,259
12000441 Commercial ECM											
90	Actual	0	0	0	0	0	0	0	0	0	0
91	Projected	0	1,770	0	0	0	4,200	60	0	0	6,030
92	Total	0	1,770	0	0	0	4,200	60	0	0	6,030
12000379 Industrial Load Management (GSLM 2&3)											
94	Actual	5,355	14,322	0	0	0	8,646,029	200	0	0	8,665,906
95	Projected	235	16,416	0	0	0	8,412,000	0	0	0	8,428,651
96	Total	5,590	30,738	0	0	0	17,058,029	200	0	0	17,094,557
12004386 LED Street and Outdoor Conversion Program											
98	Actual	0	0	0	0	0	0	0	1,719,995	(59,192)	1,660,803
99	Projected	0	0	0	0	0	0	0	4,642,310	(197,396)	4,444,914
100	Total	0	0	0	0	0	0	0	6,362,305	(256,588)	6,105,717
12000385 Lighting Conditioned Space											
98	Actual	0	39,175	0	0	0	211,068	667	1,566	0	252,476
99	Projected	0	56,523	0	0	0	501,000	300	650	0	558,473
100	Total	0	95,698	0	0	0	712,068	967	2,216	0	810,949
12003201 Lighting Non-Conditioned Space											
102	Actual	0	26,283	0	0	0	94,816	159	785	0	122,043
103	Projected	0	28,033	0	0	0	61,200	0	500	0	89,733
104	Total	0	54,316	0	0	0	156,016	159	1,285	0	211,776
12000413 Lighting Occupancy Sensors											
106	Actual	0	115	0	0	0	13,220	0	0	0	13,335
107	Projected	0	1,032	0	0	0	4,200	150	0	0	5,382
108	Total	0	1,147	0	0	0	17,420	150	0	0	18,717
12000383 CILM (GSLM 1)											
110	Actual	0	0	0	0	0	2,997	0	0	0	2,997
111	Projected	325	21,339	0	39,050	0	3,996	0	0	0	64,710
112	Total	325	21,339	0	39,050	0	6,993	0	0	0	67,707
12000415 Refrigeration Anti-condensate Control											
114	Actual	0	0	0	54	0	0	0	205	0	259
115	Projected	0	192	0	0	0	1,500	25	0	0	1,717
116	Total	0	192	0	54	0	1,500	25	205	0	1,976
12000387 Standby Generator											
118	Actual	0	48,040	6,420	180,364	0	1,651,102	48	1,659	0	1,887,633
119	Projected	0	41,851	42,857	129,500	0	1,749,450	180	1,500	0	1,965,338
120	Total	0	89,891	49,277	309,864	0	3,400,552	228	3,159	0	3,852,971
12003202 Thermal Energy Storage											
122	Actual	0	0	0	0	0	0	0	0	0	0
123	Projected	0	3,530	0	0	0	160,000	200	0	0	163,730
124	Total	0	3,530	0	0	0	160,000	200	0	0	163,730
12000399 Commercial Wall Insulation											
126	Actual	0	0	0	0	0	0	0	0	0	0
127	Projected	0	0	0	0	0	0	0	0	0	0
128	Total	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating											
130	Actual	0	0	0	98	0	0	0	673	0	771
131	Projected	0	171	0	0	0	2,000	25	0	0	2,196
132	Total	0	171	0	98	0	2,000	25	673	0	2,967
12000427 Conservation Research and Development											
134	Actual	0	724	0	0	0	0	27	0	0	751
135	Projected	0	369	0	0	0	0	0	0	0	369
136	Total	0	1,093	0	0	0	0	27	0	0	1,120
12000393 Renewable Energy Program											
138	Actual	0	4,638	0	5,705	0	0	0	893	(70,170)	(58,934)
139	Projected	0	9,030	0	262,000	0	0	0	0	(84,779)	186,251
140	Total	0	13,668	0	267,705	0	0	0	893	(154,949)	127,317
12000347 Common Expenses											
142	Actual	0	188,910	(37)	52,122	0	0	1,164	66,032	0	308,191
143	Projected	0	186,133	0	47,588	0	0	0	38,862	0	272,583
144	Total	0	375,043	(37)	99,710	0	0	1,164	104,894	0	580,774
137	Total All Programs	1,345,013	4,188,225	497,287	2,802,767	905,391	31,297,198	169,274	6,694,747	(411,842)	47,488,060

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		40,587	60,384	57,762	35,531	78,973	28,407	91,400	91,400	91,400	91,400	91,400	91,400	850,045
2. Retirements		10,220	8,662	12,241	124,686	185,690	(3,893)	154,253	(26,740)	47,210	359,306	164,738	65,788	1,102,161
3. Depreciation Base		5,860,491	5,912,213	5,957,734	5,868,579	5,761,862	5,794,162	5,731,309	5,849,449	5,893,639	5,625,733	5,552,395	5,578,007	
4. Depreciation Expense		<u>97,422</u>	<u>98,106</u>	<u>98,916</u>	<u>98,553</u>	<u>96,920</u>	<u>96,300</u>	<u>96,046</u>	<u>96,506</u>	<u>97,859</u>	<u>95,995</u>	<u>93,151</u>	<u>92,753</u>	<u>1,158,527</u>
5. Cumulative Investment	5,830,124	5,860,491	5,912,213	5,957,734	5,868,579	5,761,862	5,794,162	5,731,309	5,849,449	5,893,639	5,625,733	5,552,395	5,578,007	5,578,007
6. Less: Accumulated Depreciation	3,358,378	<u>3,445,580</u>	<u>3,535,024</u>	<u>3,621,699</u>	<u>3,595,566</u>	<u>3,506,796</u>	<u>3,606,989</u>	<u>3,548,782</u>	<u>3,672,028</u>	<u>3,722,677</u>	<u>3,459,366</u>	<u>3,387,779</u>	<u>3,414,744</u>	<u>3,414,744</u>
7. Net Investment	<u>2,471,746</u>	<u>2,414,911</u>	<u>2,377,189</u>	<u>2,336,035</u>	<u>2,273,013</u>	<u>2,255,066</u>	<u>2,187,173</u>	<u>2,182,527</u>	<u>2,177,421</u>	<u>2,170,962</u>	<u>2,166,367</u>	<u>2,164,616</u>	<u>2,163,263</u>	<u>2,163,263</u>
8. Average Investment		2,443,328	2,396,050	2,356,612	2,304,524	2,264,040	2,221,120	2,184,850	2,179,974	2,174,192	2,168,665	2,165,492	2,163,940	
9. Return on Average Investment - Equity Component		11,734	11,507	11,317	11,067	10,873	10,667	10,568	10,545	10,517	10,490	10,475	10,467	130,227
10. Return on Average Investment - Debt Component		<u>3,657</u>	<u>3,586</u>	<u>3,527</u>	<u>3,449</u>	<u>3,388</u>	<u>3,324</u>	3,121	3,114	3,106	3,098	3,094	3,092	<u>39,556</u>
Total Depreciation and Return		<u>112,813</u>	<u>113,199</u>	<u>113,760</u>	<u>113,069</u>	<u>111,181</u>	<u>110,291</u>	<u>109,735</u>	<u>110,165</u>	<u>111,482</u>	<u>109,583</u>	<u>106,720</u>	<u>106,312</u>	<u>1,328,310</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.7628% x 1/12 (Jan-Jun). Line 9 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7959% x 1/12 (Jan-Jun). Line 10 x 1.7144% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	561	29,782	23,169	1,513	101	0	0	0	55,126
3. Depreciation Base		55,126	55,126	55,126	55,126	54,565	24,783	1,614	101	0	0	0	0	
4. Depreciation Expense		<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>914</u>	<u>661</u>	<u>220</u>	<u>14</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>5,485</u>
5. Cumulative Investment	55,126	55,126	55,126	55,126	55,126	54,565	24,783	1,614	101	0	0	0	0	0
6. Less: Accumulated Depreciation	49,641	<u>50,560</u>	<u>51,479</u>	<u>52,398</u>	<u>53,317</u>	<u>53,670</u>	<u>24,549</u>	<u>1,600</u>	<u>101</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>5,485</u>	<u>4,566</u>	<u>3,647</u>	<u>2,728</u>	<u>1,809</u>	<u>895</u>	<u>234</u>	<u>14</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		5,026	4,107	3,188	2,269	1,352	565	124	7	0	0	0	0	
9. Return on Average Investment - Equity Component		24	20	15	11	6	3	1	0	0	0	0	0	80
10. Return on Average Investment - Debt Component		<u>8</u>	<u>6</u>	<u>5</u>	<u>3</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>25</u>
Total Depreciation and Return		<u>951</u>	<u>945</u>	<u>939</u>	<u>933</u>	<u>922</u>	<u>665</u>	<u>221</u>	<u>14</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>5,590</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.7628% x 1/12 (Jan-Jun). Line 9 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7959% x 1/12 (Jan-Jun). Line 10 x 1.7144% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		(12,523)	13,325	0	0	0	0	0	0	61,000	0	0	0	61,801
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		10,039	23,364	23,364	23,364	23,364	23,364	23,364	23,364	84,364	84,364	84,364	84,364	
4. Depreciation Expense		<u>272</u>	<u>278</u>	<u>389</u>	<u>389</u>	<u>389</u>	<u>389</u>	<u>389</u>	<u>389</u>	<u>898</u>	<u>1,406</u>	<u>1,406</u>	<u>1,406</u>	<u>8,000</u>
5. Cumulative Investment	22,562	10,039	23,364	23,364	23,364	23,364	23,364	23,364	23,364	84,364	84,364	84,364	84,364	84,364
6. Less: Accumulated Depreciation	355	<u>627</u>	<u>905</u>	<u>1,294</u>	<u>1,683</u>	<u>2,072</u>	<u>2,463</u>	<u>2,852</u>	<u>3,241</u>	<u>4,139</u>	<u>5,545</u>	<u>6,951</u>	<u>8,357</u>	<u>8,357</u>
7. Net Investment	<u>22,207</u>	<u>9,412</u>	<u>22,459</u>	<u>22,070</u>	<u>21,681</u>	<u>21,292</u>	<u>20,901</u>	<u>20,512</u>	<u>20,123</u>	<u>80,225</u>	<u>78,819</u>	<u>77,413</u>	<u>76,007</u>	<u>76,007</u>
8. Average Investment		15,810	15,936	22,265	21,876	21,487	21,097	20,707	20,318	50,174	79,522	78,116	76,710	
9. Return on Average Investment - Equity Component		76	77	107	105	103	101	100	98	243	385	378	371	2,144
10. Return on Average Investment - Debt Component		<u>24</u>	<u>24</u>	<u>33</u>	<u>33</u>	<u>32</u>	<u>32</u>	30	29	72	114	112	110	<u>645</u>
Total Depreciation and Return		<u>372</u>	<u>379</u>	<u>529</u>	<u>527</u>	<u>524</u>	<u>522</u>	<u>519</u>	<u>516</u>	<u>1,213</u>	<u>1,905</u>	<u>1,896</u>	<u>1,887</u>	<u>10,789</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.7628% x 1/12 (Jan-Jun). Line 9 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7959% x 1/12 (Jan-Jun). Line 10 x 1.7144% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	9,452	0	9,452
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	9,452	9,452	
4. Depreciation Expense		0	0	0	0	0	0	0	0	0	0	79	158	237
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	9,452	9,452	9,452
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	79	237	237
7. Net Investment	0	0	0	0	0	0	0	0	0	0	0	9,373	9,215	9,215
8. Average Investment		0	0	0	0	0	0	0	0	0	0	4,687	9,294	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	23	45	68
10. Return on Average Investment - Debt Component		0	0	0	0	0	0	0	0	0	0	7	13	20
Total Depreciation and Return		0	0	0	0	0	0	0	0	0	0	109	216	325

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 5.7628% x 1/12 (Jan-Jun). Line 9 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295).

Line 10 x 1.7959% x 1/12 (Jan-Jun). Line 10 x 1.7144% x 1/12 (Jul-Dec).

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
12000359 Residential Walk-Through Energy Audit	83,719	115,836	213,237	105,946	171,940	170,180	246,470	243,282	151,029	160,142	150,370	174,354	1,986,504
12000353-12000355 Residential Customer Assisted Audit	5,948	2,520	20,291	88,298	79,503	59,969	82,411	403,810	2,018	1,881	1,881	1,881	750,411
12000357, 12000369 Residential Computer Assisted Audit	0	0	35	27	783	390	0	0	769	769	0	0	2,773
12000381 Residential Ceiling Insulation	13,450	14,726	25,452	24,722	18,380	20,246	22,493	22,643	23,543	22,436	22,422	22,315	252,828
12000391 Residential Duct Repair	20,395	28,931	47,359	26,893	44,461	32,988	59,252	18,317	19,098	18,048	18,117	9,564	343,422
12000419 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0	227	0	227
12000375 Energy Education, Awareness and Agency Outreach	4,125	3,040	7,470	17,583	9,688	66,443	8,518	9,515	10,012	10,704	9,695	9,686	166,480
12004152 Energy Star Multi-Family	0	1,563	(473)	0	0	0	0	0	0	0	98,348	0	99,438
12000431 Energy Star for New Homes	130,107	63,669	74,164	61,930	62,568	55,330	79,252	79,252	71,905	71,305	80,052	70,705	900,239
12000349 Residential Heating and Cooling	40,334	34,957	48,954	36,989	54,273	45,878	44,765	44,765	44,987	44,837	43,937	44,132	528,808
12000425 Neighborhood Weatherization	246,563	378,841	526,086	271,269	296,405	245,817	483,842	483,842	484,438	484,438	484,438	457,813	4,843,792
12000433 Energy Planner	325,412	346,225	340,099	238,957	292,975	237,723	350,987	348,142	256,974	276,544	266,625	254,204	3,534,868
12000365 Residential Wall Insulation	0	0	0	0	0	0	125	125	157	0	0	47	454
12000367 Residential Window Replacement	69,237	173,516	(52,533)	63,923	64,467	60,310	62,024	52,211	52,661	52,211	52,211	52,170	702,407
12000351 Prime Time	774	3,177	512	2,533	705	320	2,868	2,868	2,868	2,868	2,868	2,868	25,229
12000363 Commercial/Industrial Audit (Free)	17,143	24,325	30,035	18,855	20,421	20,065	34,916	36,016	36,916	37,926	35,326	36,526	348,470
12000361 Comprehensive Commercial/Industrial Audit (Paid)	0	0	688	37	0	0	1,084	1,164	0	0	0	0	2,973
12000397 Commercial Ceiling Insulation	967	316	1,753	1,537	1,553	1,420	1,172	0	1,172	0	0	0	9,890
12000411 Commercial Chiller	0	241	0	0	0	0	0	3,730	3,730	3,730	0	25	11,456
12000371 Cogeneration	4,558	6,036	6,917	5,146	4,566	4,526	5,556	5,746	5,175	5,746	5,556	5,365	64,894
12000389 Conservation Value	0	0	0	0	0	0	274	274	274	274	274	274	51,867
12000443 Cool Roof	12,856	1,344	62,359	1,514	3,484	20,193	11,696	11,696	11,696	21,898	21,898	11,696	192,330
12000429 Commercial Cooling	4,719	349	0	0	0	0	377	377	0	0	0	394	6,216
12000409 Demand Response	308,956	4,857	2,044	970,066	330,608	577	331,840	331,840	331,840	331,840	334,840	331,840	3,611,147
12000377 Commercial Duct Repair	542	0	0	0	300	2	0	483	483	483	483	483	3,259
12000441 Commercial ECM	0	0	0	0	0	0	725	725	1,565	725	725	1,565	6,030
12000379 Industrial Load Management (GSLM 2&3)	1,389,078	1,426,524	1,362,392	1,410,209	1,489,431	1,588,273	1,404,957	1,404,750	1,404,736	1,404,736	1,404,736	1,404,736	17,094,557
12004386 LED Street and Outdoor Conversion Program	0	0	78,853	59,496	43,848	1,478,606	740,819	740,819	740,819	740,819	740,819	740,819	6,105,717
12000385 Lighting Conditioned Space	10,050	8,926	38,688	57,975	36,949	99,888	163,572	163,572	164,072	22,419	22,419	22,419	810,949
12003201 Lighting Non-Conditioned Space	17,030	12,839	16,552	32,931	9,564	33,126	15,448	15,645	15,948	14,362	14,165	14,165	211,776
12000413 Lighting Occupancy Sensors	0	0	0	12,242	0	1,093	897	1,673	897	897	121	897	18,717
12000383 CILM (GSLM 1)	0	0	0	999	999	999	999	999	26,452	2,069	32,905	1,286	67,707
12000415 Refrigeration Anti-condensate Control	0	0	0	0	193	66	1,717	0	0	0	0	0	1,976
12000387 Standby Generator	385,555	168,401	401,814	281,137	274,803	375,923	292,348	300,248	330,248	356,998	358,498	326,998	3,852,971
12003202 Thermal Energy Storage	0	0	0	0	0	0	81,445	283	137	283	81,445	137	163,730
12000399 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
12000417 Commercial Water Heating	0	0	0	0	315	456	0	0	0	0	0	2,196	2,967
12000427 Conservation Research and Development	423	0	121	181	27	0	0	123	0	123	0	123	1,120
12000393 Renewable Energy Program	(11,040)	(14,095)	(5,496)	(8,868)	(8,040)	(11,395)	(12,625)	(12,625)	227,375	375	(12,625)	(3,625)	127,317
12000347 Common Expenses	53,814	51,182	75,767	36,562	57,740	33,127	63,197	42,081	43,219	42,650	41,150	40,286	580,774
Total	3,134,716	2,858,246	3,323,141	3,819,087	3,362,907	4,642,538	4,583,421	4,758,391	4,467,213	4,134,536	4,313,926	4,089,937	47,488,060
Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
Recoverable Conservation Expenses	<u>3,134,716</u>	<u>2,858,246</u>	<u>3,323,141</u>	<u>3,819,087</u>	<u>3,362,907</u>	<u>4,642,538</u>	<u>4,583,421</u>	<u>4,758,391</u>	<u>4,467,213</u>	<u>4,134,536</u>	<u>4,313,926</u>	<u>4,089,937</u>	<u>47,488,060</u>
Less Renewable Energy	(11,040)	(14,095)	(5,496)	(8,868)	(8,040)	(11,395)	(12,625)	(12,625)	227,375	375	(12,625)	(3,625)	127,317
Total Conservation Expenses	<u>3,145,756</u>	<u>2,872,341</u>	<u>3,328,637</u>	<u>3,827,955</u>	<u>3,370,947</u>	<u>4,653,933</u>	<u>4,596,046</u>	<u>4,771,016</u>	<u>4,239,838</u>	<u>4,134,161</u>	<u>4,326,551</u>	<u>4,093,562</u>	<u>47,360,743</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	<u>3,397,627</u>	<u>3,137,210</u>	<u>3,024,337</u>	<u>3,002,129</u>	<u>3,197,275</u>	<u>3,697,227</u>	<u>4,231,412</u>	<u>4,210,697</u>	<u>4,315,564</u>	<u>3,838,584</u>	<u>3,224,351</u>	<u>3,184,303</u>	<u>42,460,716</u>
3. Total Revenues	3,397,627	3,137,210	3,024,337	3,002,129	3,197,275	3,697,227	4,231,412	4,210,697	4,315,564	3,838,584	3,224,351	3,184,303	42,460,716
4. Prior Period True-up	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,759)</u>	<u>(249,762)</u>	<u>(2,997,111)</u>
5. Conservation Revenue Applicable to Period	3,147,868	2,887,451	2,774,578	2,752,370	2,947,516	3,447,468	3,981,653	3,960,938	4,065,805	3,588,825	2,974,592	2,934,541	39,463,605
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,145,756</u>	<u>2,872,341</u>	<u>3,328,637</u>	<u>3,827,954</u>	<u>3,370,947</u>	<u>4,653,934</u>	<u>4,596,046</u>	<u>4,771,016</u>	<u>4,239,838</u>	<u>4,134,161</u>	<u>4,326,551</u>	<u>4,093,562</u>	<u>47,360,742</u>
7. True-up This Period (Line 5 - Line 6)	2,112	15,110	(554,059)	(1,075,584)	(423,431)	(1,206,466)	(614,393)	(810,078)	(174,033)	(545,336)	(1,351,959)	(1,159,021)	(7,897,137)
8. Interest Provision This Period (C-3, Page 6, Line 10)	(665)	(340)	(414)	(1,320)	(2,096)	(3,071)	(4,779)	(6,223)	(6,730)	(7,344)	(9,275)	(11,558)	(53,815)
9. True-up & Interest Provision Beginning of Period	(649,400)	(398,194)	(133,665)	(438,379)	(1,265,524)	(1,441,292)	(2,401,070)	(2,770,483)	(3,337,025)	(3,268,029)	(3,570,950)	(4,682,425)	(649,400)
10. Prior Period True-up Collected/(Refunded)	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,759</u>	<u>249,762</u>	<u>2,997,111</u>
11. End of Period Total - Over/(Under) Recovered	<u>(398,194)</u>	<u>(133,665)</u>	<u>(438,379)</u>	<u>(1,265,524)</u>	<u>(1,441,292)</u>	<u>(2,401,070)</u>	<u>(2,770,483)</u>	<u>(3,337,025)</u>	<u>(3,268,029)</u>	<u>(3,570,950)</u>	<u>(4,682,425)</u>	<u>(5,603,242)</u>	<u>(5,603,241)</u>
Previous EOP Change * Net of Revenue Taxes													
(A) Included in Line 6													
								<u>Summary of Allocation</u>		<u>Forecast</u>		<u>Ratio</u>	<u>True Up</u>
								Demand		24,497,953		0.61	(3,417,977)
								Energy		<u>15,814,822</u>		<u>0.39</u>	<u>(2,185,264)</u>
								Total		<u>40,312,775</u>		<u>1.00</u>	<u>(5,603,241)</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months January 2018 through June 2018  
Projected for Months July 2018 through December 2018

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	(\$649,400)	(\$398,194)	(\$133,665)	(\$438,379)	(\$1,265,524)	(\$1,441,292)	(\$2,401,070)	(\$2,770,483)	(\$3,337,025)	(\$3,268,029)	(\$3,570,950)	(\$4,682,425)	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>(397,529)</u>	<u>(133,325)</u>	<u>(437,965)</u>	<u>(1,264,204)</u>	<u>(1,439,196)</u>	<u>(2,397,999)</u>	<u>(2,765,704)</u>	<u>(3,330,802)</u>	<u>(3,261,299)</u>	<u>(3,563,606)</u>	<u>(4,673,150)</u>	<u>(5,591,684)</u>	
3. Total Beginning & Ending True-up	<u>(\$1,046,929)</u>	<u>(\$531,519)</u>	<u>(\$571,630)</u>	<u>(\$1,702,583)</u>	<u>(\$2,704,720)</u>	<u>(\$3,839,291)</u>	<u>(\$5,166,774)</u>	<u>(\$6,101,285)</u>	<u>(\$6,598,324)</u>	<u>(\$6,831,635)</u>	<u>(\$8,244,100)</u>	<u>(\$10,274,109)</u>	
4. Average True-up Amount (50% of Line 3)	<u>(\$523,465)</u>	<u>(\$265,760)</u>	<u>(\$285,815)</u>	<u>(\$851,292)</u>	<u>(\$1,352,360)</u>	<u>(\$1,919,646)</u>	<u>(\$2,583,387)</u>	<u>(\$3,050,643)</u>	<u>(\$3,299,162)</u>	<u>(\$3,415,818)</u>	<u>(\$4,122,050)</u>	<u>(\$5,137,055)</u>	
5. Interest Rate - First Day of Month	<u>1.58000</u>	1.46000	1.62000	1.86000	1.85000	1.86000	1.98000	2.45000	2.45000	2.45000	2.70000	2.70000	
6. Interest Rate - First Day of Next Month	<u>1.46000</u>	<u>1.62000</u>	<u>1.86000</u>	<u>1.85000</u>	<u>1.86000</u>	<u>1.98000</u>	<u>2.45000</u>	<u>2.45000</u>	<u>2.45000</u>	<u>2.70000</u>	<u>2.70000</u>	<u>2.70000</u>	
7. Total (Line 5 + Line 6)	<u>3.04000</u>	<u>3.08000</u>	<u>3.48000</u>	<u>3.71000</u>	<u>3.71000</u>	<u>3.84000</u>	<u>4.43000</u>	<u>4.90000</u>	<u>4.90000</u>	<u>5.15000</u>	<u>5.40000</u>	<u>5.40000</u>	
8. Average Interest Rate (50% of Line 7)	<u>1.52000</u>	<u>1.54000</u>	<u>1.74000</u>	<u>1.85500</u>	<u>1.85500</u>	<u>1.92000</u>	<u>2.21500</u>	<u>2.45000</u>	<u>2.45000</u>	<u>2.57500</u>	<u>2.70000</u>	<u>2.70000</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.00127</u>	<u>0.00128</u>	<u>0.00145</u>	<u>0.00155</u>	<u>0.00155</u>	<u>0.00160</u>	<u>0.00185</u>	<u>0.00204</u>	<u>0.00204</u>	<u>0.00215</u>	<u>0.00225</u>	<u>0.00225</u>	
10. Interest Provision (Line 4 x Line 9)	<u>(\$665)</u>	<u>(\$340)</u>	<u>(\$414)</u>	<u>(\$1,320)</u>	<u>(\$2,096)</u>	<u>(\$3,071)</u>	<u>(\$4,779)</u>	<u>(\$6,223)</u>	<u>(\$6,730)</u>	<u>(\$7,344)</u>	<u>(\$9,275)</u>	<u>(\$11,558)</u>	<u>(\$53,815)</u>

C-4  
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TAMPA ELECTRIC COMPANY  
 Energy Conservation  
 Calculation of Conservation Revenues

Actual for Months January 2018 through June 2018  
 Projected for Months July 2018 through December 2018

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,549,779	-	3,397,627
February	1,404,253	-	3,137,210
March	1,392,398	-	3,024,337
April	1,407,519	-	3,002,129
May	1,486,512	-	3,197,275
June	1,719,527	-	3,697,227
July	1,898,539	-	4,231,412
August	1,889,186	-	4,210,697
September	2,013,588	-	4,315,564
October	1,774,649	-	3,838,584
November	1,485,702	-	3,224,351
December	1,429,753	-	3,184,303
Total	<u>19,451,405</u>	<u>0</u>	<u>42,460,717</u>

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL ENERGY AUDITS

**Program Description:** A “how to” information and analysis guide for customers. There are four types of residential energy audits available to Tampa Electric customers: Walk-through Free Energy Check, Customer Assisted, Computer Assisted Paid and Building Energy Ratings System (“BERS”).

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, the following energy audit participation is projected:

Residential Walk-Through:	7,412
Residential Customer Assisted:	3,468
Residential Computer Assisted:	3
BERS:	0

January 1, 2019 to December 31, 2019

During this period, the following energy audit participation is projected:

Residential Walk-Through:	6,200
Residential Customer Assisted:	12,000
Residential Computer Assisted:	7
BERS:	0

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$2,739,688.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$2,575,007.

**Program Progress**

**Summary:**

Through December 31, 2017 the following Residential Energy Audit totals are:

Residential Walk-Through:	320,130
Residential Customer Assisted <sup>(1)</sup> :	122,964
Residential Computer Assisted:	3,908
<u>BERS:</u>	<u>80</u>
Total:	447,082

Note 1: Includes Mail-in and On-line audits. Residential Mail-in audit program was retired on December 31, 2004.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL CEILING INSULATION

**Program Description:** A rebate program that encourages existing residential customers to install additional ceiling insulation in existing homes.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 663 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 750 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$252,828.

January 1, 2019 to December 31, 2019

Expenditures are estimated at \$281,324.

**Program Progress Summary:**

Through December 31, 2017 the following Residential Ceiling Insulation totals are:

Residential Ceiling Insulation: 122,768

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL DUCT REPAIR

**Program Description:** A rebate program that encourages residential customers to repair leaky duct work of central air conditioning systems in existing homes

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 1,821 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 1,020 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$343,422.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$239,884.

**Program Progress Summary:**

Through December 31, 2017 the following Residential Duct Repair totals are:  
Residential Duct Repair: 100,398

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

**Program Description:** A rebate program that encourages residential customers to replace their existing HVAC air handler motor with an ECM.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there is one customer projected to participate.

January 1, 2019 to December 31, 2019

During this period, there is one customer projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$227.

January 1, 2019 to December 31, 2019

Expenditures are estimated at \$267.

**Program Progress Summary:**

Through December 31, 2017 the following Residential ECM totals are:  
Residential ECM: 5

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY EDUCATION, AWARENESS AND AGENCY OUTREACH

**Program Description:** A program that provides opportunities for engaging and educating groups of customers and students on energy-efficiency and conservation in an organized setting. Participants are provided with an energy savings kit which includes energy saving devices and supporting information appropriate for the audience.

**Program Projections:** January 1, 2018 to December 31, 2018.

During this period, there are 829 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 700 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$166,480.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$193,436.

**Program Progress Summary:**

Through 2017, Tampa Electric has partnered with 116 local schools to present Energy Education to 35,434 students. In addition, the company gave 144 presentations to civic organizations that generated 837 customer assisted audits and distributed 6,029 energy saving kits to participating customers.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

**Program Description:** A rebate program that encourages the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 300 multi-family residences projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 600 multi-family residences projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$99,438.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$196,696.

**Program Progress Summary:**

On May 4, 2017 ENERGY STAR for New Multi-Family Residences was approved as a new residential DSM program. Through December 31, 2017 the following ENERGY STAR for New Multi-Family Residences totals are:

ENERGY STAR for New Multi-Family Residences: 0

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY STAR FOR NEW HOMES

**Program Description:** A rebate program that encourages residential customers to construct residential dwellings that qualify for the Energy Star Award by achieving efficiency levels greater than current Florida building code baseline practices.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 1,016 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 1,800 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$900,239.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$1,573,183.

**Program Progress Summary:**

On November 3, 2015 ENERGY STAR for New Homes replaced the prior Residential New Construction Program. Through December 31, 2017 the following ENERGY STAR for New Homes totals are:

ENERGY STAR for New Homes: 12,811

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL HEATING AND COOLING

**Program Description:** A rebate program that encourages residential customers to install high-efficiency residential heating and cooling equipment in existing homes.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 3,257 units projected to be installed and approved.

January 1, 2019 to December 31, 2019

During this period, there are 3,500 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$528,808.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$558,455.

**Program Progress Summary:**

Through December 31, 2017 the following Residential Heating and Cooling totals are:

Residential Heating and Cooling: 201,395

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** NEIGHBORHOOD WEATHERIZATION

**Program Description:** A program that provides for the installation of energy efficient measures for qualified low-income customers.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 6,610 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 7,000 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$4,843,792.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$5,933,596.

**Program Progress Summary:**

Through December 31, 2017 the following Neighborhood Weatherization totals are:

Neighborhood Weatherization: 35,932

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

**Program Description:** A program that reduces weather-sensitive loads through an innovative price responsive rate used to encourage residential customers to make behavioral or equipment usages changes by pre-programming HVAC, water heating and pool pumps.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 5,231 projected customers for this program on a cumulative basis.

January 1, 2019 to December 31, 2019

During this period, there are 6,231 projected customers for this program on a cumulative basis.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,534,868.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$3,567,457.

**Program Progress Summary:**

Through December 31, 2017 the following Energy Planner totals are:  
Energy Planner Participating Customers: 4,536

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** RESIDENTIAL WALL INSULATION

**Program Description:** A rebate program that encourages existing residential customers to install additional wall insulation in existing homes.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are three customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are six customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2017 to December 31, 2016

Expenditures are estimated to be \$454.

January 1, 2019 to December 31, 2019

Expenditures are estimated at \$879.

**Program Progress Summary:**

Through December 31, 2017 the following Residential Wall Insulation totals are:  
Residential Wall Insulation: 195

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL WINDOW REPLACEMENT

**Program Description:** A rebate program that encourages existing residential customers to install window upgrades in existing homes.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 1,640 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 1,800 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$702,407.

January 1, 2019 to December 31, 2019

Expenditures are estimated at \$747,496.

**Program Progress Summary:**

Through December 31, 2017 the following Residential Window Replacement totals are:

Residential Window Replacement: 13,206

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRIME TIME

**Program Description:** An incentive program that encourages residential customers to allow the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

**Program Projections:** January 1, 2018 to December 31, 2018

This program is retired

January 1, 2019 to December 31, 2019

This program is retired.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$25,229.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$35,148.

**Program Progress Summary:**

Program was retired on May 11, 2016



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL/INDUSTRIAL ENERGY AUDITS

**Program Description:** A “how to” information and analysis guide for customers. There are two types of commercial/industrial energy audits available to Tampa Electric customers: Commercial/Industrial (Free) and Comprehensive Commercial/Industrial (Paid).

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, the following energy audit participation is projected:

Commercial/Industrial (Free):	710
Comprehensive Commercial/Industrial (Paid):	3

January 1, 2019 to December 31, 2019

During this period, the following energy audit participation is projected:

Commercial/Industrial (Free):	765
Comprehensive Commercial/Industrial (Paid):	8

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$351,443.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$426,225.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Energy Audit totals are:

Commercial/Industrial (Free):	25,409
Comprehensive Commercial/Industrial (Paid):	237
<u>Commercial Mail-in</u>	<u>1,477</u>
Commercial/Industrial Total	27,123

Commercial Mail-in audit program was retired on December 31, 2004.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL CEILING INSULATION

**Program Description:** A rebate program that encourages commercial and industrial customers to install additional ceiling insulation in existing commercial structures.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 9 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 8 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$9,890.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$9,278.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Ceiling Insulation totals are:

Commercial Ceiling Insulation: 311

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL CHILLER

**Program Description:** A rebate program that encourages commercial and industrial customers to install high efficiency chiller equipment.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are three units projected to be installed and approved.

January 1, 2019 to December 31, 2019

During this period, there are eight units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$11,456.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$29,976.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Chiller totals are:  
Commercial Chiller: 68

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COGENERATION

**Program Description:** An incentive program whereby large industrial customers with waste heat or fuel resources may install electric generating equipment, meet their own electrical requirements and/or sell their surplus to the company.

**Program Projections:** January 1, 2018 to December 31, 2018

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. There are no new cogeneration facility additions projected.

January 1, 2019 to December 31, 2019

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. Tampa Electric will continue working with customers to evaluate the economics of additional capacity in future years.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$64,894.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$67,568.

**Program Progress**

**Summary:**

At the end of 2017, there are eight cogeneration Qualifying Facilities (“QFs”) that are on-line in Tampa Electric’s service area. These facilities have a total combined nameplate generation capacity of 443.3 MW. This includes generation that is connected but wheeled outside of Tampa Electric’s service area.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CONSERVATION VALUE

**Program Description:** A rebate program that encourages commercial and industrial customers to invest in energy efficiency and conservation measures that are not sanctioned by other commercial programs.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there is one customer projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are two customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$53,237.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$137,939.

**Program Progress**

**Summary:**

Through December 31, 2017 the following Conservation Value totals are:  
Conservation Value: 53

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOL ROOF

**Program Description:** A rebate program that encourages commercial and industrial customers to install a cool roof system above conditioned spaces.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 20 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 20 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$192,330.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$254,900.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Cool Roof totals are:  
Commercial Cool Roof: 232

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOLING

**Program Description:** A rebate program that encourages commercial and industrial customers to install high efficiency direct expansion commercial air conditioning cooling equipment.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 27 units projected to be installed and approved.

January 1, 2019 to December 31, 2019

During this period, there are five units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$6,216.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$2,305.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Cooling totals are:  
Commercial Cooling: 2,298

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** DEMAND RESPONSE

**Program Description:** A turn-key incentive program for commercial and industrial customers to reduce their demand for electricity in response to market signals.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 40 MW of demand response available for control.

January 1, 2019 to December 31, 2019

During this period, there are 40 MW of demand response projected to be available for control.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,611,147.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$3,992,752.

**Program Progress Summary:**

Through December 31, 2017, Tampa Electric was subscribed for 40 MW.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL DUCT REPAIR

**Program Description:** A rebate program that encourage existing commercial and industrial customers to repair leaky ductwork of central air-conditioning systems in existing commercial and industrial facilities.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 14 repairs projected to be made.

January 1, 2019 to December 31, 2019

During this period, there are 20 repairs projected to be made.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,259.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$7,968.

**Program Progress**

**Summary:**

Through December 31, 2017 the following Commercial Duct Repair totals are:  
Commercial Duct Repair: 11,033

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

**Program Description:** A rebate program that encourages commercial and industrial customers to replace their existing air handler motors or refrigeration fan motors with an ECM.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 10 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 20 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$6,030.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$11,193.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial ECM totals are:  
Commercial ECM: 1,512

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INDUSTRIAL LOAD MANAGEMENT (GSLM 2&3)

**Program Description:** An incentive program whereby large industrial customers allow for the interruption of their facility or portions of their facility electrical load.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, one new customer projected to participate.

January 1, 2019 to December 31, 2019

During this period, zero new customers are projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$17,094,557.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$16,862,173.

**Program Progress Summary:**

Through December 31, 2017, there are 34 customers participating.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** LED STREET AND OUTDOOR LIGHTING CONVERSION

**Program Description:** A conservation program that converts the company's existing metal halide and high-pressure sodium street and outdoor luminaires to light emitting diode luminaires. The program allows for the recovery of the remaining unamortized costs in rate base associated with the luminaires converted.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 43,368 luminaires projected to be converted.

January 1, 2019 to December 31, 2019

During this period, there are 56,040 luminaires projected to be converted.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Undepreciated net book value expenditures are estimated to be \$6,362,305  
Salvage value associated with converted luminaires are estimated to be \$256,588  
Net expenditures are estimated to be \$6,105,717

January 1, 2019 to December 31, 2019

Undepreciated net book value expenditures are estimated to be \$8,914,040  
Salvage value associated with converted luminaires are estimated to be \$414,743  
Net expenditures are estimated to be \$8,499,297

**Program Progress Summary:**

This program was approved on February 6, 2018.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** LIGHTING CONDITIONED SPACE

**Program Description:** A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing conditioned areas of commercial and industrial facilities.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 368 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 140 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$810,949.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$309,240.

**Program Progress Summary:**

Through December 31, 2017 the following Lighting Conditioned Space totals are:  
Lighting Conditioned Space: 2,172

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** LIGHTING NON-CONDITIONED SPACE

**Program Description:** A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing non-conditioned areas of commercial and industrial facilities.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 239 customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are 90 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$211,776.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$213,711.

**Program Progress Summary:**

Through December 31, 2017 the following Lighting Non-Conditioned Space totals are:

Lighting Non-Conditioned Space: 551

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** LIGHTING OCCUPANCY SENSORS

**Program Description:** A rebate program that encourages commercial and industrial customers to install occupancy sensors to control commercial lighting systems.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are eight units projected to be installed and approved.

January 1, 2019 to December 31, 2019

During this period, there are 12 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$18,717.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$10,464.

**Program Progress Summary:**

Through December 31, 2017 the following Lighting Occupancy Sensors totals are:  
Lighting Occupancy Sensors: 216

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LOAD MANAGEMENT

**Program Description:** An incentive program that encourages commercial and industrial customers to allow for the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are zero new installations projected.

January 1, 2019 to December 31, 2019

During this period, there are zero new installations projected.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$67,707.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$13,087.

**Program Progress**

**Summary:**

Through December 31, 2017 the following Commercial Load Management totals are:

Commercial Load Management Participating Customers: 6



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** REFRIGERATION ANTI-CONDENSATE CONTROL

**Program Description:** A rebate program that encourages commercial and industrial customers to install anti-condensate equipment sensors and control within refrigerated door systems.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there is one customer projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are two customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$1,976.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$3,496.

**Program Progress Summary:**

Through December 31, 2017 the following Refrigeration Anti-Condensate totals are:

Refrigeration Anti-Condensate: 0

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** STANDBY GENERATOR

**Program Description:** An incentive program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there is one new installation projected.

January 1, 2019 to December 31, 2019

During this period, there is zero new installations projected.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$3,852,971.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$4,057,314.

**Program Progress Summary:**

Through December 31, 2017 the following Standby Generator totals are:  
Standby Generator Participating Customers: 94

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** THERMAL ENERGY STORAGE

**Program Description:** A rebate program that encourages commercial and industrial customers to install an off-peak air conditioning system.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are two customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there are three customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$163,730.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$208,594.

**Program Progress Summary:**

Through December 31, 2017 the following Thermal Energy Storage totals are:  
Thermal Energy Storage: 1

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL WALL INSULATION

**Program Description:** A rebate program that encourages commercial and industrial customers to install wall insulation in existing commercial and industrial structures.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are zero customers projected to participate.

January 1, 2019 to December 31, 2019

During this period, there is one customer projected to participate.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$0.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$2,221.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Wall Insulation totals are:  
Commercial Wall Insulation: 2

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL WATER HEATING

**Program Description:** A rebate program that encourages commercial and industrial customers to install high efficiency water heating systems.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there is one unit projected to be installed and approved.

January 1, 2019 to December 31, 2019

During this period, there are three units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$2,967.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$6,588.

**Program Progress Summary:**

Through December 31, 2017 the following Commercial Water Heating totals are:  
Commercial Water Heating: 0

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** DSM RESEARCH AND DEVELOPMENT (R&D)

**Program Description:** A program that allows for the exploration of DSM measures that have insufficient data on the cost-effectiveness of the measure and the potential impact to Tampa Electric and its ratepayers.

**Program Projections:** See Program Progress Summary.

**Program Fiscal  
Expenditures:**

January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$1,120.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$6,591.

**Program Progress  
Summary:**

Currently, Tampa Electric continues to monitor and review possible programs to research and develop and has the following four R&D evaluations in progress:

1. Electric vehicle benefits and impacts.
2. Battery storage for peak shifting.
3. Heat Pump Water Heater inclusion into the Energy Planner Program.
4. Commercial low-income weatherization.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** RENEWABLE ENERGY PROGRAM

**Program Description:** This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

**Program Projections:** January 1, 2018 to December 31, 2018

During this period, there are 1,600 projected customers with 2,400 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 400 blocks estimated to be purchased on a one-time basis.

January 1, 2019 to December 31, 2019

During this period, there are 1,650 projected customers with 2,450 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 400 blocks estimated to be purchased on a one-time basis.

### **Program Fiscal Expenditures:**

January 1, 2018 to December 31, 2018

During this period, the company anticipates revenues of approximately \$154,949 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$493,077.

January 1, 2019 to December 31, 2019

During this period, the company anticipates revenues of approximately \$159,506 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$506,353.

### **Program Progress Summary:**

Through December 31, 2017, there were 1,600 customers with 2,374 blocks subscribed. In addition, there were 202 blocks of renewable energy purchased on a one-time basis. On a cumulative basis, 43,365 monthly and one-time blocks of renewable energy have been purchased.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMON EXPENSES

**Program Description:** These are expenses common to all programs.

**Program Projections:** N/A

**Program Fiscal Expenditures:** January 1, 2018 to December 31, 2018

Expenditures are estimated to be \$580,774.

January 1, 2019 to December 31, 2019

Expenditures are estimated to be \$654,300.

**Program Progress Summary:** N/A



2019 Residential Service Variable Pricing (RSVP-1) Rates (Cents per kWh)

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	5.457	2.719	0.103	0.221	34.911	37.954	43.411
P3	5.457	2.719	0.103	0.221	5.936	8.979	14.436
P2	5.457	2.719	0.103	0.221	-0.877	2.166	7.623
P1	5.457	2.719	0.103	0.221	-2.319	0.724	6.181